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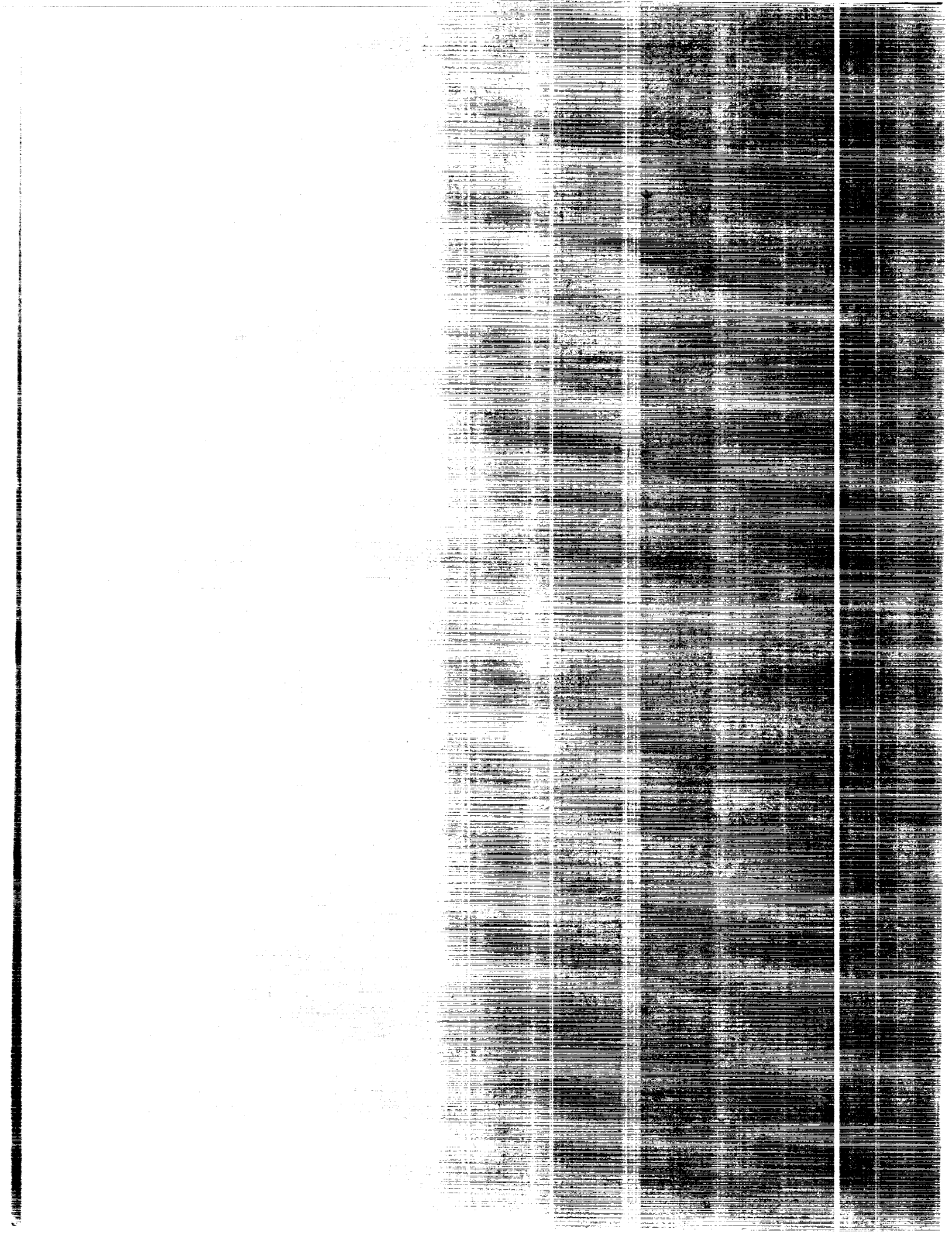
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Abstract

An experimental study has been performed at supersonic speeds to measure wing and body spanwise pressure distributions on an axisymmetric-body delta wing model on which the wing vertical location on the body was systematically varied from low- to high-mounted positions. In addition, for two of these positions both horizontal and radial wing angular orientations relative to the body were tested, and roll angle effects were investigated for one of the positions. Seven different wing-body configurations and a body-alone configuration were studied. The test was conducted at Mach numbers from 1.70 to 2.86 at angles of attack from about -4° to 24° . Pressure orifices were located at three longitudinal stations on each wing-body model, and at each station the orifices were located completely around the body, along the lower surface of the right wing (looking upstream), and along the upper surface of the left wing. All pressure coefficient data are tabulated, and selected samples are shown graphically to illustrate the effects of the test variables. The effects of angle of attack, roll angle, Mach number, longitudinal station, wing vertical location, wing angular orientation, and wing-body juncture are analyzed. The vertical location of the wing on the body had a very strong effect on the body pressures. For a given angle of attack at a roll angle of 0° , the pressures were virtually constant in the spanwise direction across the windward surfaces of the wing-body combination. Pressure-relieving, channeling, and vortex effects were noted in the data.

Introduction

The airframe of tactical missiles has traditionally been composed of an axisymmetric body and one or more sets of fins mounted radially on the body; that is, the plane of the fins passes through the body axis of symmetry. However, advanced carriage and fin-folding considerations can result in missile designs that have planar fins mounted either high or low on the body. In either case, these fins do not extend through the body symmetry axis and thus are termed "off-axis" fins.

Little experimental data exist on this off-axis-fin class of configurations, although a recent computational study (ref. 1) was performed using an Euler code to estimate wing-body interference effects. The primary purpose of the present experimental study was to provide a systematic set of pressure data for a generic off-axis configuration. To facilitate comparisons with other developing computational methods, the surface pressure orifices on the model were located so that a set of data could be generated completely around the wing-body configuration at constant longitudinal stations. The model was designed to have a planform similar to the wing-body portion of the force-and-moment model of reference 2 so

that pressure and loads data would be available for comparison purposes.

Symbols

The capitalized expression in parentheses next to the symbol is the computer printout equivalent of that symbol that is used in the aerodynamic data presented in tables 3-10.

C_p	(CP)	pressure coefficient, $(p - p_\infty)/q_\infty$
M_∞		free-stream Mach number
p		static pressure on body or wing surface, psi
p_∞		free-stream static pressure, psi
q_∞		free-stream dynamic pressure, psi
S	(S)	distance from body centerline to wing trailing-edge tip, 4.82 in.
y	(Y)	spanwise wing coordinate (measured from body center- line), in.

α	(ALPHA)	model angle of attack, deg
θ	(THETA)	circumferential body coordinate (measured clockwise from windward meridian at roll angle of 0° , looking upstream), deg
ϕ	(PHI)	model roll angle (measured clockwise, looking upstream, from windward meridian), deg

Apparatus and Test

Wind Tunnel

The test was conducted in the low Mach number test section of the Langley Unitary Plan Wind Tunnel. This tunnel is a variable-pressure continuous-flow facility with two test sections ranging in Mach number from 1.47 to 4.63. The Mach number is controlled by asymmetric sliding blocks, and the low-speed test section has a Mach number variation from 1.47 to 2.90. The test section is formed by the downstream section of the nozzle and is approximately 4 ft wide by 4 ft high by 7 ft long. A more detailed description of this wind tunnel can be found in reference 3.

Model

The model is composed of an axisymmetric body with a three-caliber tangent-ogive nose and delta wings with a leading-edge sweep of 77° . Interchangeable wings were designed to be mounted at various vertical and angular positions on the body at the same streamwise location. This arrangement resulted in seven different wing-body configurations in addition to a body-alone (body without wings) configuration. The model with planar wings (zero dihedral) located along the body axis of symmetry was considered the baseline configuration. Pressure orifices were located at three longitudinal stations on each configuration, and figure 1 shows sketches of the baseline configuration and the longitudinal location of the pressure orifices. The eight test configurations are identified in figure 2, and photographs of all eight sting-mounted models are shown in figure 3.

A planform sketch of the baseline model is presented in figure 4 to show the important dimensions. As seen in this figure, the model semispan measured from the body centerline was 4.82 in., which was held constant for all the winged configurations. Thus, the exposed wing area increased as the wing was moved to high or low locations from the baseline configuration. Also shown in figure 4 are the three longitudinal

stations at which pressure orifices were located on the wings and body. These locations were chosen to be at about 50, 75, and 95 percent of the theoretical wing root chord when extended to the body centerline, and they are identified as stations 1, 2, and 3, respectively.

At each station the pressure orifices were located completely around the body, along the upper surface of the left wing (looking upstream), and along the lower surface of the right wing. Body pressure orifices were located in 15° increments around the body, which resulted in a maximum of 24 body orifices at each station for the body-alone configuration. The winged configurations had up to five fewer body orifices because of the intersection of the wings with the body. Figure 5, which is a cross-sectional sketch showing the location of the body orifices, indicates the orifices that were eliminated because of the various wing locations. This sketch is applicable to all three longitudinal stations.

The wing pressure orifices were located as shown in figure 6, which is representative of either the upper surface of the left wing or the lower surface of the right wing. As many as 10 orifices were located on each wing surface at each station. These orifices were positioned to lie along constant rays originating from the theoretical wing apex. Table 1 lists the locations of these orifices and the rays on which they are found. Note that the spanwise distance coordinate y is measured along the wing surface and, thus, does not lie in a horizontal plane for the radially mounted wings. Up to five inboard wing orifices were located inside the body for some of the wing positions, thereby reducing the number of usable wing orifices for those configurations.

The body-alone configuration contained a total of 72 pressure orifices, whereas the wing-body configurations contained between 106 and 114 usable orifices. All pressure orifices were 0.026 in. in diameter and were mounted flush with and normal to the body or wing surface.

The pressure orifices were located on a flat wing surface. A sharp 10° bevel perpendicular to the edge was provided on both the leading and trailing edges of the opposite surface of that wing to provide a structural thickness and to accommodate the internal pressure tubing. As stated previously, the right and left wings of each configuration were instrumented on opposite surfaces; therefore, the flat surface of each wing was located on opposite sides. For all configurations in this study, the pressure orifices were located on the lower surface of the right wing (looking upstream) and on the upper surface of the

left wing. Thus, the lower surface of the right wing and the upper surface of the left wing were always flat. Because of this difference between the right and left wing surfaces, none of the configurations, except for the body alone, had true symmetry about the vertical plane. All wings had a maximum thickness of 0.188 in.

Instrumentation

The model pressures were measured by three 48-channel, electronically scanned pressure (ESP) modules located inside the body. The operational range of these modules was ± 5 psid over a temperature range from 0°F to 175°F . The rated accuracy of the modules was ± 0.15 percent of the full-scale value. For the test conditions of this investigation, this accuracy corresponded to an agreement in pressure coefficient of about 0.004 to 0.008.

Flexible tubing was used to connect the pressure orifices to the ESP modules inside the body. Because of the limited space available inside the body to house the three ESP modules and the associated pressure tubing, a few tubes for some of the configurations became too constricted to allow an accurate pressure measurement when the model was assembled. The pressures measured from these orifices were eliminated from the results of this study.

The model angle of attack, which was measured using an accelerometer mounted inside the nose of the model, was corrected for wind tunnel flow angularity. Model roll angle was set using the tunnel roll mechanism.

To induce boundary-layer transition to turbulent flow, transition strips were applied to the model using the technique established in reference 4. This technique was also used in the force and moment test of reference 2. These transition strips consisted of No. 50 sand grains (0.0128 in.) sprinkled in acrylic plastic. The strips were 0.062 in. wide and were located 1.20 in. aft of the nose and 0.40 in. aft of the leading edges (measured streamwise) on both the upper and lower surfaces of the wings.

Tests

Tests on all configurations were conducted at Mach numbers of 1.70, 2.16, 2.40, and 2.86 at a Reynolds number of 2×10^6 per foot. The model angle of attack ranged from about -4° to 24° in increments of 4° . The effects of roll angle ϕ were studied on the baseline configuration only (configuration 1), and for this configuration the roll angle varied from -90° to 90° in 30° increments.

Presentation of Data

Table 2 shows the arrangement of the pressure coefficient data listed in tables 3-10. Body pressure data are tabulated as a function of angular location around the body (θ), whereas the wing pressure data are tabulated as a function of the nondimensional distance along the wing from the body centerline (y/S). Note that the y/S parameter is measured along the wing surface which does not lie in a horizontal plane for the radially mounted wings. Selected data from tables 3-10 have been plotted and are analyzed in the following sections of this paper to illustrate the effects of the test variables. More extensive plots of the pressure data along with selected vapor-screen photographs of the vortex patterns on the model can be found in reference 5.

Analysis of Selected Data

The primary test variables in this investigation are the model angle of attack and roll angle, the free-stream Mach number, and the wing vertical location and angular orientation on the body. The effects of longitudinal station and wing-body juncture can also be examined because data were obtained at three streamwise locations on both the wings and body.

The effects of the resulting seven variables are examined sequentially in this section. All pressure coefficient data have been plotted to the same scale to facilitate comparisons. Body pressure data are plotted as a function of angular location around the body (θ). For $\phi = 0^{\circ}$, the windward meridian on the body is located at $\theta = 0^{\circ}$ and 360° , whereas the leeward meridian is located at $\theta = 180^{\circ}$. Wing pressures are plotted as a function of the nondimensional spanwise distance y/S along the wing from the body centerline.

For all wing pressure plots at $\phi = 0^{\circ}$ discussed in the following sections of this paper, windward and leeward pressures are shown together as if they were measured on windward and leeward surfaces of the same wing, even though they were, in fact, measured on opposite wings. For these cases, the plots are presented in this manner to facilitate comparisons between windward and leeward pressures and to emphasize that a set of pressure data encompassing the wing-body combination can be generated from these data. Data for nonzero roll angles need to be presented in a different manner, as will be discussed later when examining roll angle effects.

Effect of Angle of Attack

The effect of angle of attack on body and wing pressures is examined in this section for the body

alone (configuration 8) and for the baseline wing-body model (configuration 1). Data obtained at some of the intermediate angles of attack are not included on the plots for clarity.

The effect of angle of attack on the body-alone pressures is shown in figure 7 for station 3 at $M_\infty = 1.70$. As would be expected, the pressures on the windward side of the body increase with angle of attack and decrease on the leeward side of the body. At the higher angles of attack, the windward pressures decrease rapidly around the body and reach a minimum at about $\theta = 75^\circ$, or at 285° on the opposite side of the body, before recovering and remaining almost constant over the leeward surface. These minimums are probably due to vortices separating from the body at these locations.

Pressures on the baseline configuration (configuration 1) are shown in figure 8, where the test conditions are the same as those in figure 7. Comparing the body pressures on configuration 1 (fig. 8(a)) with the body-alone pressures of figure 7 shows a very large angle-of-attack effect because of the presence of the wings. At similar angles of attack, the wings cause much higher pressures on the windward side of the body and much lower pressures on the leeward side. Also, the wings cause the windward pressures to be relatively constant compared with the body-alone pressures. Notice that a sharp increase in pressure develops on the body at the higher angles of attack near the leeward meridian for configuration 1. This trend was not seen in the body-alone data.

The pressures on the wing for configuration 1 are shown in figure 8(b). The windward surface pressures increase systematically with angle of attack and are nearly constant in the spanwise direction. On the leeward wing surface, pressure decreases with angle of attack except at 7.17° and 15.19° when an increase occurs on the inboard part of the wing as compared with the outboard part. This pattern is typical of a classic leading-edge vortex on delta wings that was discussed in reference 6.

Effect of Roll Angle

Figure 9 shows the effect of roll angle on the pressures on configuration 1 at station 3 for $M_\infty = 1.70$ and $\alpha \approx 20^\circ$. Note that the body angular coordinate θ is fixed to the body and thus rotates with roll angle ϕ relative to the free-stream cross flow direction. For this reason the body pressures in this figure have been plotted as a function of $\theta + \phi$ so that the data can be compared at the same location on the body relative to the free-stream cross flow direction. (See the sketch in fig. 9(a).)

Figure 9(a) shows that roll angle has a strong effect on the body pressures, but for clarity, only positive roll angles are shown. For the nonsymmetrical roll angles, the maximum body pressures occur near the wing on the windward side, and the minimum pressures occur near the leeward side of that same wing.

Figure 9(b) shows roll angle effects on the wing pressures. Because of the location of the wing pressure orifices, the nonzero roll angle data in this figure are no longer representative of windward and leeward pressures on the same wing. Rather, these data are from the windward side of the lower wing and from the leeward side of the upper wing. Because vertical flow symmetry no longer applies, these data can no longer be used at a given roll angle to generate a complete data plane around the configuration.

This data plane can still be extracted from the test data in this study, however, by combining the results from positive and negative roll angles. A sample of such a combination is shown in figure 9(c) in which data from positive and negative roll angles of 30° have been combined to give a data plane over the complete wing-body combination. These data are from configuration 1 at station 3 for $\alpha \approx 20^\circ$. Note that the body pressures have been included in this figure at their corresponding values of y/S to show how a complete wing-body data plane can be constructed.

Effect of Mach Number

The effect of Mach number is discussed with the aid of figure 10 which contains data from configuration 1 at station 3 for $\alpha \approx 20^\circ$ and $\phi = 0^\circ$. Figure 10(a) shows the effect of body pressures. Even though Mach number has very little effect on the windward side of the body, a large systematic increase in body pressure occurs on the leeward side. At all Mach numbers the pressures increase sharply near the leeward meridian, which in previous discussions was attributed to the presence of the wing.

Figure 10(b) shows a similar trend in the wing pressures; that is, they are almost constant on the windward surface and systematically increase with Mach number on the leeward surface. Notice that the effect of the wing leading-edge vortex decreases with Mach number, as seen by the increase in pressures near the leeward meridian at $y/S = 0.4$ and 0.5 .

Effect of Longitudinal Station

Figure 11 shows the pressures at the three longitudinal stations for configuration 1 at $M_\infty = 1.70$, $\alpha = 19.23^\circ$, and $\phi = 0^\circ$. Figure 11(a) shows that the

pressures on the windward side of the body are nearly constant between stations 2 and 3 but are significantly lower at station 1. On the leeward surface of the body as noted earlier, the increase in pressures near the leeward meridian is seen to continually increase down the length of the body.

Figure 11(b) shows that the pressures on both surfaces of the wing are nearly constant with longitudinal station. The leeward pressures show the progression of the wing leading-edge vortex as it moves downstream over the configuration.

Effect of Wing Vertical Location

Figure 12 shows the effect of the wing vertical location. In this figure the effects of moving the horizontal wing from low to high on the body are examined by comparing data from configurations 1 5 at $M_\infty = 1.70$, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

Figure 12(a) shows that the wing vertical location on the body has a very large effect on the body pressures. The wing location essentially acts as a dividing line between the windward and leeward pressure levels for all wing locations. For example, all body pressures for the highest mounted wing (configuration 2) are at the level of the windward pressures, whereas all body pressures for the lowest mounted wing (configuration 5) appear as leeward pressures.

In contrast, figure 12(b) shows that the wing vertical location has a much smaller effect on the wing pressures. On the low-mounted configurations, the pressures on the windward surface are almost constant over the wing span, and some effects of the body can be seen on the inboard part of the windward surfaces for the high-mounted configurations. On the leeward surface of the wing, the largest effect of the wing vertical location is also seen on the inboard part of the wing.

Effect of Wing Angular Orientation

Configurations 6 and 7 are the only wing-body configurations in this study in which the wings are not located in a horizontal plane but extend radially from the body in high- and low-mounted positions. Configurations 3 and 5 have horizontal wings mounted at the same locations as those of configurations 6 and 7, respectively. Therefore, comparisons between the data from configurations 3 and 6 and configurations 5 and 7 show the effect of angular orientation of the wings. These comparisons are made in figures 13 and 14 for $M_\infty = 1.70$ at station 3 for $\alpha \approx 20^\circ$.

Figure 13 shows the effect of wing angular orientation for the high-mounted wings (configurations 3 and 6). The effect on the body (fig. 13(a)) is confined primarily to the windward side where the horizontal wings are seen to produce the higher pressures. Therefore, rotating the wings from the horizontal to the radial position for these high-mounted wings acts to relieve the pressures on the windward side of the body but has little effect on the leeward pressures. A similar relieving effect is seen on the windward surface of the wings (fig. 13(b)). The closer proximity of the leading-edge vortex to the wing surface for the horizontal wing results in significantly lower pressures on the leeward surface of that wing.

Figure 14 shows the effect of wing angular orientation for the low-mounted wings (configurations 4 and 7). In contrast to the high-mounted case, figure 14(a) shows a large effect on the body pressures on the leeward surface, with the horizontal wings creating the lower pressures. The pressures for both wing orientations are nearly constant on the windward body surface, with the radially mounted wing producing the higher pressures. In fact, for the same angle of attack, the channeling effect of the wings on configuration 7 produced the highest body pressures measured on any configuration in this study.

Figure 14(b) shows that the pressures on the windward surface of the wings of both configurations are almost constant in the spanwise direction, again with the radially mounted wing producing the higher pressures. The pressures on the outboard part of the leeward wing surface are similar for the two configurations, but they diverge on the inboard part because of the closer proximity of the leading-edge vortex to the radially mounted wing surface.

Effect of Wing-Body Juncture

All body pressures presented thus far, except for those illustrating roll angle effects in figure 9(c), have been plotted as a function of angular location on the body (θ), whereas the wing pressures have been plotted as a function of the spanwise dimension parameter (y/S). In order to compare wing and body pressures directly in the vicinity of the wing-body juncture, figure 15 was prepared in which the location of the body pressure data was transformed from the angular location (θ) to the corresponding value of the spanwise parameter (y/S). Data are presented in figure 15 for all wing-body configurations investigated in this study at $M_\infty = 1.70$, station 3, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

Figure 15(a) presents data from the baseline model (configuration 1). The pressures over the

windward surface are seen to be virtually constant over the span of the entire wing-body combination. The pressures on the leeward side, however, are much higher on the body than on the wing except in the vicinity of the wing-body juncture where a smooth transition takes place.

The "looping" effect in the data from the other configurations, seen in figures 15(b)–15(g), is the result of the double values of the y/S parameter when the wing is not located on the body centerline. The pressures over the entire windward wing-body combination were virtually constant in the spanwise direction for all configurations except configuration 6 (fig. 15(b)) because of the pressure-relieving effect noted earlier for that configuration. Note that no leeward body pressures exist for the highest mounted configuration (fig. 15(b)) and, conversely, no windward body pressures exist for the lowest mounted configuration (fig. 15(e)).

Concluding Remarks

An experimental study has been performed at supersonic speeds to obtain spanwise pressure distributions on an axisymmetric-body delta wing configuration in which the wing vertical and angular locations on the body were systematically varied. Pressure coefficient data for the entire investigation are listed in tabular form. Selected samples from these data are presented graphically to illustrate the effects of angle of attack, roll angle, Mach number, longitudinal station, wing vertical location, wing angular orientation, and wing-body juncture.

The vertical location of the wing on the body was found to have a very strong effect on the body

pressures. For a given angle of attack at a roll angle of 0° , the pressures were virtually constant in the spanwise direction across the windward surfaces of the wing-body combination. Pressure-relieving, channeling, and vortex effects were noted in the data.

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Table 1. Spanwise Locations of Wing Orifices

Station	y , in.	y/S	Ray
1	0.241	0.050	1
	.482	.100	2
	.723	.150	3
	.964	.200	4
	1.205	.250	5
	1.446	.300	6
	1.687	.350	7
	1.929	.400	8
	2.049	.425	9
	2.170	.450	10
2	0.361	0.075	1
	.722	.150	2
	1.083	.225	3
	1.444	.300	4
	1.806	.375	5
	2.167	.450	6
	2.528	.524	7
	2.889	.599	8
	3.070	.637	9
	3.250	.674	10
3	0.914	0.190	2
	1.321	.274	3
	1.829	.379	4
	2.281	.473	5
	2.743	.569	6
	3.200	.664	7
	3.657	.759	8
	3.886	.806	9
	4.114	.854	10

Table 2. Arrangement of Tables 3-10

(a) Configuration 1 (table 3)

Mach number	Part of table 3 for roll angle, ϕ , of—						
	0°	30°	60°	90°	-30°	-60°	-90°
1.70	(a)	(e)	(i)	(m)	(q)	(u)	(y)
2.16	(b)	(f)	(j)	(n)	(r)	(v)	(z)
2.40	(c)	(g)	(k)	(o)	(s)	(w)	(aa)
2.86	(d)	(h)	(l)	(p)	(t)	(x)	(bb)

(b) Configurations 2-8 (tables 4-10) with $\phi = 0^\circ$

Mach number	Part found in table—						
	4	5	6	7	8	9	10
1.70	(a)	(a)	(a)	(a)	(a)	(a)	(a)
2.16	(b)	(b)	(b)	(b)	(b)	(b)	(b)
2.40	(c)	(c)	(c)	(c)	(c)	(c)	(c)
2.86	(d)	(d)	(d)	(d)	(d)	(d)	(d)

Table 3. Configuration 1

(a) $M_\infty = 1.70$; $\phi = 0^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
BODY	0								
	15	-.021	-.004	.018	.050	.082	.108	.166	.232
	30	-.029	-.008	.017	.051	.085	.121	.176	.237
	45	-.031	-.006	.024	.062	.101	.151	.203	.274
	60	-.036	-.008	.025	.067	.110	.161	.218	.296
	75	-.033	-.004	.029	.062	.078	.140	.193	.265
	90								
	105	.037	.005	-.029	-.076	-.164	-.237	-.290	-.355
	120	.034	.003	-.027	-.068	-.131	-.251	-.279	-.356
	135	.036	.009	-.016	-.052	-.104	-.234	-.229	-.265
	150	.034	.006	-.017	-.051	-.134	-.242	-.242	-.248
	165	.034	.007	-.015	-.039	-.074	-.088	-.186	-.215
	180	.032	.006	-.014	-.029	-.045	-.050	-.137	-.175
	195	.035	.009	-.013	-.035	-.061	-.072	-.169	-.191
	210	.040	.012	-.013	-.045	-.128	-.210	-.220	-.229
	225	.045	.012	-.016	-.050	-.108	-.252	-.213	-.258
	240	.049	.013	-.020	-.055	-.104	-.221	-.245	-.325
	255	.047	.011	-.025	-.061	-.130	-.195	-.280	-.344
	270								
	285	-.047	-.012	.020	.054	.072	.115	.170	.238
	300	-.045	-.011	.017	.055	.099	.152	.211	.288
	315	-.038	-.009	.015	.050	.088	.139	.195	.269
	330	-.032	-.007	.015	.045	.078	.114	.174	.239
	345	-.026	-.006	.016	.045	.077	.104	.160	.237
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.049	-.016	.021	.064	.119	.165	.208	.274
	.350	-.056	-.017	.024	.072	.134	.205	.273	.356
	.400	-.231	-.021	.025	.074	.138	.215	.292	.388
	.425								
	.450	-.197	-.055	.036	.084	.138	.203	.267	.349
LEEWARD WING	.450	.066	.011	-.135	-.229	-.296	-.299	-.349	-.360
	.425	.058	.008	-.152	-.233	-.298	-.315	-.361	-.370
	.400	.055	.007	-.093	-.259	-.311	-.335	-.374	-.367
	.350	.050	.006	-.024	-.119	-.244	-.233	-.282	-.301
	.300	.041	.003	-.032	-.075	-.138	-.207	-.260	-.358
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(a) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
BODY	0	-.038	-.007	.024	.070	.133	.195	.276	.365
	15	-.039	-.007	.025	.071	.136	.196	.275	.366
	30	-.043	-.007	.026	.074	.136	.198	.276	.364
	45	-.044	-.007	.028	.078	.137	.204	.279	.369
	60	-.045	-.007	.030	.079	.140	.207	.279	.371
	75	-.045	-.007	.032	.080	.130	.180	.243	.336
	90								
	105	.050	.014	-.016	-.056	-.118	-.237	-.297	-.390
	120	.046	.009	-.022	-.065	-.157	-.279	-.334	-.393
	135	.047	.010	-.020	-.062	-.151	-.255	-.362	-.400
	150	.047	.011	-.018	-.061	-.111	-.162	-.307	-.341
	165	.045	.008	-.018	-.049	-.061	-.071	-.166	-.219
	180	.044	.010	-.017	-.041	-.053	-.055	-.088	-.136
	195	.043	.008	-.020	-.048	-.058	-.066	-.144	-.183
	210	.045	.008	-.020	-.062	-.107	-.141	-.277	-.304
	225	.049	.010	-.018	-.057	-.146	-.240	-.336	-.387
	240	.045	.007	-.022	-.058	-.126	-.258	-.287	-.371
	255	.044	.007	-.024	-.058	-.113	-.206	-.265	-.375
	270								
	285	-.047	-.010	.028	.071	.116	.176	.245	.330
	300	-.047	-.008	.028	.074	.129	.198	.274	.360
	315	-.046	-.007	.027	.072	.128	.196	.273	.355
	330	-.045	-.008	.025	.069	.127	.190	.274	.347
	345	-.039	-.005	.026	.071	.132	.194	.280	.357
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
	.075								
	.150								
	.225								
	.300	-.045	-.008	.031	.079	.129	.196	.268	.349
	.375	-.041	-.005	.036	.088	.144	.215	.288	.371
	.450								
	.524	-.137	-.004	.037	.092	.154	.228	.302	.387
	.599								
	.637								
	.674	-.167	-.052	.047	.095	.155	.215	.276	.345
	.674	.071	.019	-.103	-.197	-.267	-.304	-.311	-.346
	.637	.068	.020	-.121	-.202	-.264	-.298	-.319	-.353
	.599	.065	.018	-.142	-.205	-.268	-.304	-.334	-.361
	.524	.059	.014	-.006	-.265	-.324	-.358	-.355	-.368
	.450	.056	.013	-.013	-.094	-.254	-.307	-.309	-.336
	.375	.054	.012	-.017	-.057	-.153	-.194	-.267	-.316
	.300	.051	.010	-.020	-.057	-.116	-.249	-.295	-.386
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued
(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
BODY	0	-.034	-.004	.031	.076	.131	.202	.287	.385
	15	-.034	-.002	.032	.078	.133	.205	.290	.386
	30	-.041	-.005	.030	.077	.132	.205	.287	.376
	45	-.043	-.007	.029	.076	.132	.207	.286	.368
	60	-.046	-.009	.027	.075	.131	.205	.281	.356
	75	-.048	-.010	.029	.076	.127	.191	.262	.328
	90								
	105	.057	.017	-.017	-.053	-.098	-.182	-.349	-.404
	120	.054	.014	-.019	-.056	-.126	-.222	-.335	-.402
	135	.057	.016	-.017	-.058	-.110	-.217	-.339	-.401
	150	.058	.017	-.018	-.054	-.083	-.157	-.274	-.356
	165	.053	.017	-.018	-.047	-.080	-.131	-.124	-.209
	180	.053	.018	-.016	-.044	-.077	-.122	-.055	-.105
	195	.054	.018	-.015	-.045	-.072	-.127	-.102	-.165
	210	.053	.016	-.018	-.057	-.075	-.150	-.253	-.315
	225	.052	.014	-.019	-.059	-.107	-.200	-.324	-.386
	240	.049	.011	-.022	-.059	-.127	-.211	-.316	-.381
	255	.047	.007	-.027	-.065	-.113	-.172	-.341	-.389
	270								
	285	-.043	-.007	.028	.077	.136	.194	.270	.364
	300	-.046	-.009	.026	.074	.136	.201	.281	.375
	315	-.040	-.004	.031	.081	.141	.207	.288	.382
	330	-.040	-.005	.028	.077	.133	.202	.282	.375
	345	-.036	-.004	.029	.076	.131	.202	.284	.380
	Y/S	CP FOR ALPHA, DEG =							
		-4.83	-.84	3.16	7.17	11.20	15.19	19.23	23.21
WINDWARD WING	.190								
	.274	-.043	-.007	.028	.078	.139	.202	.277	.370
	.379	-.042	-.006	.030	.081	.143	.207	.282	.378
	.473	-.040	-.008	.029	.080	.143	.217	.300	.398
	.569								
	.664	-.179	-.006	.033	.088	.144	.213	.295	.384
	.759	-.172	-.024	.037	.089	.147	.211	.286	.372
	.806	-.158	-.035	.042	.091	.148	.209	.281	.364
	.854	-.154	-.043	.047	.093	.148	.204	.272	.349
LEEWARD WING	.854	.075	.024	-.096	-.194	-.264	-.317	-.319	-.342
	.806	.073	.025	-.110	-.198	-.264	-.315	-.315	-.341
	.759	.068	.022	-.142	-.197	-.260	-.318	-.321	-.350
	.664	.065	.021	-.013	-.282	-.291	-.333	-.341	-.361
	.569	.059	.017	-.013	-.122	-.302	-.361	-.336	-.352
	.473	.058	.015	-.020	-.059	-.194	-.264	-.280	-.371
	.379	.056	.014	-.022	-.055	-.117	-.153	-.351	-.421
	.274	.056	.015	-.020	-.054	-.099	-.186	-.356	-.413
	.190								

Table 3. Continued

(b) $M_\infty = 2.16$; $\phi = 0^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
BODY	0								
	15	-.014	.001	.016	.026	.051	.099	.168	.224
	30	-.015	.004	.025	.049	.066	.093	.145	.192
	45	-.018	.006	.033	.068	.099	.145	.203	.260
	60	-.023	.006	.039	.076	.112	.167	.233	.294
	75	-.026	.007	.040	.050	.095	.150	.210	.263
	90								
	105	.023	-.006	-.040	-.100	-.172	-.208	-.232	-.240
	120	.018	-.007	-.036	-.079	-.145	-.193	-.226	-.237
	135	.018	-.002	-.025	-.060	-.137	-.149	-.173	-.184
	150	.011	-.005	-.026	-.070	-.165	-.166	-.176	-.189
	165	.007	-.006	-.023	-.050	-.061	-.136	-.149	-.158
	180	.007	-.004	-.019	-.024	-.034	-.097	-.114	-.122
	195	.011	-.002	-.018	-.038	-.047	-.120	-.128	-.142
	210	.017	-.001	-.022	-.068	-.147	-.160	-.155	-.187
	225	.025	.001	-.024	-.063	-.152	-.153	-.172	-.189
	240	.026	-.001	-.031	-.066	-.137	-.179	-.208	-.220
	255	.032	.001	-.030	-.072	-.146	-.198	-.225	-.234
	270								
	285	-.034	-.001	.030	.047	.073	.126	.189	.245
	300	-.030	-.002	.027	.063	.101	.156	.227	.291
	315	-.024	-.001	.024	.055	.092	.140	.210	.270
	330	-.020	-.001	.017	.038	.064	.091	.156	.205
	345	-.016	-.001	.014	.025	.051	.096	.165	.220
WINDWARD WING	Y/S								
		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.033	.000	.037	.083	.122	.171	.234	.290
	.350	-.029	.000	.041	.092	.148	.221	.304	.373
	.400	-.143	.000	.045	.096	.152	.232	.320	.400
	.425								
	.450	-.124	.006	.055	.104	.150	.221	.299	.372
LEEWARD WING	.450	.039	-.029	-.147	-.206	-.213	-.221	-.232	-.240
	.425	.038	-.006	-.152	-.204	-.214	-.220	-.232	-.239
	.400	.032	-.010	-.164	-.208	-.224	-.230	-.237	-.243
	.350	.029	-.008	-.053	-.171	-.174	-.186	-.201	-.211
	.300	.024	-.009	-.041	-.090	-.155	-.215	-.240	-.247
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(b) Continued; station 2

		CP FOR ALPHA, DEG =							
THETA, DEG		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
BODY	0	-.023	.004	.035	.076	.127	.200	.297	.383
	15	-.024	.005	.037	.078	.128	.202	.299	.383
	30	-.027	.002	.035	.080	.127	.198	.295	.378
	45	-.030	.002	.036	.081	.128	.201	.302	.386
	60	-.034	-.001	.035	.079	.127	.200	.303	.387
	75	-.034	.001	.041	.083	.112	.173	.268	.347
	90								
	105	.022	-.009	-.037	-.077	-.163	-.210	-.226	-.223
	120	.025	-.005	-.033	-.082	-.175	-.217	-.219	-.214
	135	.024	-.004	-.034	-.083	-.167	-.226	-.228	-.222
	150	.024	-.003	-.035	-.079	-.121	-.206	-.203	-.188
	165	.025	-.001	-.028	-.043	-.049	-.106	-.128	-.108
	180	.022	-.004	-.027	-.038	-.041	-.053	-.081	-.065
	195	.024	-.002	-.027	-.041	-.044	-.095	-.101	-.097
	210	.022	-.005	-.034	-.077	-.106	-.190	-.174	-.173
	225	.020	-.008	-.038	-.086	-.167	-.226	-.227	-.221
	240	.020	-.009	-.037	-.075	-.168	-.211	-.216	-.214
	255	.020	-.011	-.037	-.069	-.143	-.196	-.217	-.216
	270								
	285	-.027	.007	.040	.078	.110	.169	.266	.347
	300	-.028	.005	.037	.078	.124	.193	.295	.381
	315	-.026	.006	.037	.079	.128	.198	.298	.384
	330	-.025	.004	.036	.075	.127	.195	.291	.376
	345	-.023	.003	.035	.073	.126	.196	.292	.378
Y/S		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
WINDWARD WING	.075								
	.150								
	.225								
	.300	-.029	.005	.041	.087	.127	.189	.287	.371
	.375	-.027	.007	.045	.092	.140	.209	.310	.394
	.450								
	.524	-.061	.010	.050	.095	.148	.221	.328	.419
	.599								
	.637								
	.674	-.103	.007	.056	.100	.150	.208	.304	.389
LEEWARD WING	.674	.040	-.022	-.121	-.169	-.211	-.216	-.210	-.198
	.637	.038	-.011	-.132	-.186	-.212	-.218	-.210	-.197
	.599	.035	-.008	-.137	-.182	-.211	-.224	-.213	-.200
	.524	.034	-.003	-.148	-.195	-.221	-.224	-.208	-.193
	.450	.028	-.006	-.037	-.167	-.208	-.197	-.197	-.189
	.375	.025	-.005	-.034	-.094	-.139	-.175	-.193	-.194
	.300	.026	-.005	-.032	-.066	-.157	-.202	-.219	-.217
	.225								
	.150								
	.075								

Table 3. Continued

(b) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
BODY	0	-.026	.000	.037	.081	.140	.205	.294	.373
	15	-.026	.000	.037	.084	.142	.208	.297	.378
	30	-.031	-.004	.033	.081	.138	.205	.292	.369
	45	-.031	-.002	.036	.083	.141	.211	.299	.374
	60	-.033	-.003	.035	.080	.138	.212	.301	.373
	75	-.032	-.001	.037	.083	.133	.201	.284	.349
	90								
	105	.027	-.008	-.035	-.069	-.138	-.228	-.251	-.250
	120	.025	-.007	-.036	-.081	-.159	-.227	-.250	-.251
	135	.025	-.007	-.036	-.079	-.139	-.226	-.249	-.251
	150	.025	-.008	-.035	-.063	-.084	-.194	-.225	-.226
	165	.025	-.008	-.032	-.049	-.067	-.085	-.136	-.146
	180	.025	-.009	-.031	-.048	-.065	-.029	-.061	-.088
	195	.025	-.007	-.031	-.047	-.065	-.070	-.100	-.129
	210	.026	-.006	-.034	-.054	-.074	-.176	-.195	-.214
	225	.023	-.008	-.036	-.076	-.129	-.213	-.243	-.254
	240	.021	-.011	-.038	-.077	-.152	-.214	-.239	-.250
	255	.022	-.011	-.039	-.071	-.127	-.220	-.241	-.251
	270								
	285	-.028	.002	.039	.083	.134	.199	.284	.353
	300	-.029	.001	.037	.083	.142	.210	.298	.370
	315	-.028	.002	.037	.085	.145	.210	.297	.370
	330	-.027	.002	.037	.083	.144	.207	.293	.368
	345	-.024	.003	.039	.083	.142	.206	.294	.371
	Y/S	CP FOR ALPHA, DEG =							
		-3.11	.93	4.96	8.97	12.92	16.92	20.97	24.02
WINDWARD WING	.190								
	.274	-.028	.003	.039	.087	.145	.212	.296	.365
	.379	-.029	.001	.037	.087	.145	.211	.296	.362
	.473	-.026	.005	.043	.094	.157	.231	.323	.394
	.569								
	.664	-.099	.004	.048	.097	.158	.229	.315	.387
	.759	-.121	.002	.049	.098	.155	.228	.308	.377
	.806	-.104	.005	.053	.102	.157	.228	.305	.373
	.854	-.099	.005	.056	.104	.157	.222	.296	.366
LEEWARD WING	.854	.040	-.021	-.118	-.159	-.199	-.206	-.220	-.227
	.806	.036	-.018	-.129	-.183	-.216	-.212	-.227	-.235
	.759	.036	-.013	-.129	-.179	-.208	-.210	-.227	-.233
	.664	.032	-.009	-.166	-.190	-.216	-.230	-.238	-.238
	.569	.028	-.011	-.044	-.200	-.238	-.216	-.230	-.232
	.473	.028	-.009	-.031	-.114	-.185	-.186	-.220	-.241
	.379	.026	-.010	-.036	-.077	-.113	-.233	-.257	-.260
	.274	.026	-.007	-.035	-.067	-.135	-.234	-.254	-.250
	.190								

Table 3. Continued

(c) $M_\infty = 2.40$; $\phi = 0^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
BODY	0								
	15	-.007	.008	.019	.028	.061	.109	.173	.254
	30	-.012	.006	.024	.041	.061	.087	.136	.198
	45	-.015	.008	.032	.062	.097	.133	.187	.252
	60	-.021	.008	.037	.072	.113	.157	.221	.297
	75	-.022	.011	.042	.056	.101	.146	.206	.276
	90								
	105	.036	.004	-.028	-.081	-.147	-.176	-.192	-.204
	120	.029	-.001	-.028	-.065	-.124	-.162	-.181	-.194
	135	.029	.004	-.017	-.047	-.114	-.132	-.144	-.153
	150	.021	.002	-.014	-.049	-.130	-.137	-.144	-.157
	165	.010	-.002	-.013	-.040	-.062	-.119	-.131	-.144
	180	.007	.000	-.010	-.019	-.030	-.085	-.102	-.119
	195	.012	.003	-.008	-.027	-.041	-.103	-.117	-.138
	210	.025	.007	-.007	-.044	-.119	-.136	-.142	-.159
	225	.035	.010	-.010	-.045	-.122	-.130	-.142	-.155
	240	.039	.009	-.016	-.050	-.112	-.145	-.165	-.180
	255	.044	.014	-.014	-.052	-.125	-.165	-.183	-.199
	270								
	285	-.031	.000	.031	.050	.076	.121	.177	.253
	300	-.026	.002	.028	.062	.098	.147	.212	.296
	315	-.022	.001	.022	.050	.081	.125	.185	.262
	330	-.014	.004	.019	.036	.050	.082	.128	.196
	345	-.010	.005	.014	.024	.053	.101	.163	.249
WINDWARD WING	Y/S								
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.030	.000	.035	.080	.118	.161	.220	.294
	.350	-.039	.000	.039	.089	.147	.210	.289	.384
	.400	-.131	-.001	.042	.093	.152	.218	.304	.409
	.425								
	.450	-.116	-.019	.049	.099	.149	.210	.283	.380
	.450	.055	.000	-.112	-.167	-.176	-.185	-.197	-.208
	.425	.055	.007	-.116	-.169	-.175	-.183	-.195	-.207
	.400	.052	.009	-.123	-.169	-.179	-.186	-.197	-.204
	.350	.046	.005	-.030	-.142	-.152	-.158	-.173	-.189
	.300	.040	.002	-.029	-.072	-.138	-.180	-.194	-.207
	.250								
	.200								
	.150								
	.100								
	.050								
LEEWARD WING									

Table 3. Continued

(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
BODY	0	-.013	.010	.037	.077	.130	.188	.265	.373
	15	-.014	.011	.039	.080	.133	.189	.268	.372
	30	-.014	.013	.043	.084	.137	.192	.272	.373
	45	-.016	.012	.042	.084	.136	.194	.277	.379
	60	-.017	.012	.044	.083	.136	.195	.277	.379
	75	-.019	.010	.044	.084	.120	.166	.239	.333
	90								
	105	.043	.012	-.013	-.052	-.128	-.165	-.187	-.197
	120	.036	.007	-.019	-.062	-.145	-.177	-.192	-.203
	135	.041	.012	-.014	-.055	-.137	-.180	-.193	-.202
	150	.043	.014	-.011	-.053	-.108	-.163	-.175	-.181
	165	.040	.013	-.010	-.033	-.044	-.094	-.125	-.131
	180	.043	.015	-.007	-.021	-.027	-.046	-.088	-.093
	195	.039	.011	-.012	-.028	-.035	-.083	-.111	-.126
	210	.042	.014	-.011	-.050	-.082	-.152	-.157	-.172
	225	.041	.012	-.013	-.054	-.131	-.176	-.189	-.198
	240	.042	.014	-.013	-.047	-.125	-.166	-.178	-.191
	255	.042	.012	-.015	-.046	-.111	-.153	-.180	-.193
	270								
	285	-.023	.006	.038	.072	.109	.157	.234	.330
	300	-.019	.010	.040	.078	.126	.184	.270	.372
	315	-.020	.009	.038	.077	.127	.186	.270	.372
	330	-.019	.008	.036	.075	.124	.182	.262	.362
	345	-.011	.013	.040	.079	.130	.189	.266	.371
WINDWARD WING	Y/S								
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
	.075								
	.150								
	.225								
	.300	-.016	.012	.045	.088	.135	.193	.275	.374
	.375	-.014	.013	.047	.091	.145	.206	.289	.393
	.450								
	.524	-.105	.009	.046	.092	.148	.217	.300	.411
	.599								
	.637								
	.674	-.092	-.003	.056	.103	.153	.216	.289	.385
	.674	.064	.012	-.088	-.128	-.161	-.170	-.183	-.189
	.637	.059	.013	-.093	-.144	-.165	-.172	-.183	-.190
	.599	.056	.013	-.099	-.145	-.164	-.175	-.184	-.191
LEEWARD WING	.524	.046	.009	-.102	-.159	-.177	-.184	-.192	-.197
	.450	.049	.015	-.006	-.129	-.158	-.153	-.172	-.179
	.375	.048	.015	-.009	-.063	-.108	-.138	-.163	-.175
	.300	.041	.008	-.016	-.051	-.131	-.167	-.191	-.201
	.225								
	.150								
	.075								

Table 3. Continued
(c) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
BODY	0	-.019	.004	.034	.076	.127	.195	.281	.389
	15	-.018	.007	.037	.079	.134	.198	.287	.392
	30	-.023	.004	.034	.077	.133	.196	.285	.387
	45	-.024	.003	.034	.077	.135	.199	.287	.389
	60	-.025	.002	.034	.074	.133	.200	.287	.390
	75	-.021	.006	.040	.086	.137	.193	.274	.371
	90								
	105	.045	.012	-.016	-.048	-.121	-.185	-.199	-.202
	120	.039	.007	-.020	-.059	-.139	-.188	-.202	-.207
	135	.039	.007	-.020	-.061	-.128	-.186	-.202	-.207
	150	.040	.009	-.017	-.051	-.076	-.165	-.183	-.191
	165	.037	.007	-.018	-.040	-.052	-.084	-.122	-.140
	180	.040	.009	-.014	-.033	-.047	-.029	-.070	-.099
	195	.040	.008	-.015	-.034	-.049	-.062	-.099	-.130
	210	.037	.006	-.019	-.048	-.065	-.153	-.168	-.189
	225	.037	.006	-.020	-.060	-.109	-.180	-.200	-.209
	240	.038	.007	-.019	-.055	-.123	-.175	-.193	-.203
	255	.040	.005	-.023	-.054	-.109	-.181	-.197	-.206
	270								
	285	-.021	.005	.037	.076	.125	.185	.266	.367
	300	-.025	.002	.033	.073	.128	.195	.279	.384
	315	-.016	.012	.042	.084	.137	.205	.289	.394
	330	-.022	.005	.035	.076	.127	.196	.279	.383
	345	-.022	.002	.032	.073	.123	.193	.277	.383
	Y/S	CP FOR ALPHA, DEG =							
		-3.99	.02	4.04	8.01	12.03	16.01	20.02	24.04
WINDWARD WING	.190								
	.274	-.023	.003	.034	.076	.132	.196	.277	.380
	.379	-.020	.006	.039	.084	.140	.203	.283	.386
	.473	-.021	.002	.037	.085	.146	.214	.302	.412
	.569								
	.664	-.122	.005	.044	.091	.147	.216	.297	.403
	.759	-.101	.004	.047	.095	.150	.215	.294	.397
	.806	-.097	.001	.049	.097	.150	.213	.290	.391
	.854	-.093	-.005	.051	.099	.150	.211	.283	.382
LEEWARD WING	.854	.059	.006	-.087	-.128	-.163	-.177	-.191	-.198
	.806	.061	.013	-.086	-.135	-.170	-.172	-.187	-.194
	.759	.055	.011	-.096	-.146	-.171	-.176	-.190	-.197
	.664	.054	.013	-.109	-.149	-.175	-.187	-.195	-.200
	.569	.050	.013	-.010	-.158	-.186	-.174	-.186	-.193
	.473	.042	.006	-.016	-.090	-.159	-.158	-.183	-.196
	.379	.040	.006	-.020	-.056	-.109	-.179	-.203	-.212
	.274	.040	.007	-.020	-.049	-.126	-.192	-.207	-.210
	.190								

Table 3. Continued

(d) $M_\infty = 2.86$; $\phi = 0^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
BODY	0								
	15	-.001	.008	.015	.028	.063	.110	.170	.243
	30	-.002	.012	.026	.035	.053	.089	.137	.197
	45	-.007	.012	.034	.054	.079	.112	.152	.206
	60	-.014	.010	.037	.064	.098	.141	.198	.266
	75	-.017	.011	.039	.052	.089	.132	.187	.254
	90								
	105	.039	.011	-.019	-.063	-.105	-.125	-.136	-.146
	120	.036	.010	-.016	-.044	-.083	-.105	-.118	-.133
	135	.035	.014	-.006	-.030	-.079	-.086	-.092	-.098
	150	.022	.007	-.007	-.033	-.089	-.093	-.099	-.104
	165	.014	.004	-.005	-.024	-.047	-.087	-.094	-.105
	180	.013	.006	-.002	-.008	-.023	-.062	-.078	-.085
	195	.017	.009	-.001	-.015	-.034	-.076	-.089	-.095
	210	.024	.009	-.005	-.032	-.091	-.095	-.102	-.105
	225	.036	.013	-.008	-.033	-.085	-.091	-.098	-.105
	240	.040	.012	-.014	-.041	-.077	-.099	-.111	-.123
	255	.041	.015	-.016	-.045	-.097	-.124	-.135	-.144
	270								
	285	-.025	.003	.031	.047	.075	.113	.167	.226
	300	-.022	.003	.027	.053	.087	.129	.189	.257
	315	-.011	.008	.027	.047	.075	.108	.158	.222
	330	-.008	.006	.018	.028	.045	.075	.123	.179
	345	-.002	.007	.014	.027	.061	.106	.166	.237
WINDWARD WING	Y/S								
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.023	.004	.037	.073	.109	.146	.201	.263
	.350	-.052	.004	.040	.082	.136	.193	.270	.354
	.400	-.098	.000	.042	.085	.141	.203	.285	.378
	.425								
	.450	-.083	-.010	.051	.095	.146	.202	.275	.360
LEEWARD WING	.450	.058	.007	-.084	-.122	-.130	-.140	-.145	-.150
	.425	.056	.010	-.084	-.125	-.127	-.136	-.142	-.148
	.400	.049	.005	-.094	-.131	-.134	-.144	-.150	-.153
	.350	.045	.007	-.036	-.121	-.119	-.127	-.134	-.145
	.300	.043	.008	-.021	-.057	-.101	-.128	-.140	-.148
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
BODY	0	-.001	.014	.038	.069	.115	.169	.242	.328
	15	-.002	.016	.039	.071	.118	.172	.243	.328
	30	-.008	.012	.037	.070	.117	.173	.244	.328
	45	-.008	.012	.038	.072	.120	.178	.251	.339
	60	-.011	.008	.035	.068	.116	.176	.250	.339
	75	-.007	.011	.041	.074	.108	.156	.219	.298
	90								
	105	.035	.008	-.017	-.049	-.108	-.127	-.140	-.150
	120	.040	.014	-.012	-.045	-.105	-.123	-.134	-.143
	135	.039	.013	-.012	-.043	-.111	-.129	-.137	-.143
	150	.038	.012	-.012	-.045	-.098	-.124	-.128	-.136
	165	.041	.014	-.008	-.024	-.041	-.077	-.091	-.104
	180	.038	.010	-.009	-.018	-.030	-.054	-.077	-.083
	195	.041	.013	-.008	-.020	-.036	-.068	-.088	-.098
	210	.039	.011	-.012	-.042	-.087	-.114	-.122	-.129
	225	.035	.006	-.017	-.046	-.109	-.129	-.140	-.145
	240	.035	.008	-.016	-.041	-.102	-.121	-.134	-.143
	255	.038	.008	-.017	-.041	-.097	-.117	-.132	-.141
	270								
	285	-.007	.013	.040	.069	.105	.152	.217	.299
	300	-.010	.011	.036	.067	.114	.170	.243	.333
	315	-.008	.014	.038	.070	.117	.173	.246	.335
	330	-.007	.013	.036	.068	.113	.167	.239	.323
	345	-.004	.013	.036	.067	.112	.166	.238	.323
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
	.075								
	.150								
	.225								
	.300	-.008	.011	.040	.077	.124	.179	.252	.339
	.375	-.005	.011	.042	.081	.133	.193	.269	.360
	.450								
	.524	-.093	.012	.046	.088	.144	.207	.289	.387
	.599								
	.637								
	.674	-.078	-.014	.055	.098	.149	.205	.280	.367
	.674	.060	.005	-.080	-.105	-.124	-.137	-.144	-.147
	.637	.056	.010	-.078	-.107	-.126	-.135	-.142	-.147
	.599	.053	.011	-.082	-.116	-.126	-.136	-.143	-.147
	.524	.051	.014	-.085	-.113	-.124	-.134	-.141	-.143
	.450	.043	.010	-.016	-.112	-.121	-.127	-.136	-.142
	.375	.042	.011	-.013	-.061	-.087	-.111	-.127	-.137
	.300	.042	.013	-.012	-.040	-.098	-.121	-.135	-.145
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
BODY	0	-.005	.019	.049	.085	.133	.196	.276	.371
	15	-.005	.019	.051	.087	.136	.199	.279	.373
	30	-.010	.015	.046	.082	.132	.196	.277	.369
	45	-.007	.018	.049	.085	.136	.202	.282	.376
	60	-.009	.018	.046	.079	.133	.199	.278	.375
	75	-.008	.019	.047	.086	.131	.191	.261	.351
	90								
	105	.046	.014	-.012	-.036	-.100	-.132	-.136	-.141
	120	.043	.013	-.013	-.043	-.105	-.133	-.137	-.142
	135	.042	.013	-.013	-.045	-.105	-.129	-.138	-.143
	150	.041	.012	-.012	-.041	-.076	-.125	-.130	-.139
	165	.041	.012	-.010	-.026	-.035	-.075	-.092	-.107
	180	.039	.011	-.011	-.023	-.029	-.042	-.068	-.084
	195	.041	.012	-.010	-.023	-.033	-.060	-.083	-.097
	210	.044	.015	-.008	-.032	-.064	-.110	-.121	-.128
	225	.041	.012	-.012	-.043	-.101	-.127	-.136	-.142
	240	.038	.009	-.012	-.040	-.097	-.127	-.135	-.140
	255	.044	.013	-.010	-.036	-.093	-.126	-.135	-.139
	270								
	285	-.002	.022	.048	.083	.128	.184	.258	.347
	300	-.007	.020	.046	.081	.132	.195	.273	.368
	315	-.008	.020	.049	.083	.134	.196	.275	.371
	330	-.006	.021	.050	.084	.134	.195	.273	.368
	345	.000	.022	.052	.086	.135	.197	.275	.371
WINDWARD WING	Y/S								
		-3.96	.03	4.05	7.98	12.00	15.98	20.02	23.99
	.190								
	.274	-.001	.025	.051	.087	.139	.198	.277	.368
	.379	-.007	.017	.045	.084	.138	.198	.275	.367
	.473	.005	.021	.050	.091	.149	.217	.298	.402
	.569								
	.664	-.085	.018	.051	.093	.151	.217	.294	.394
	.759	-.072	.015	.053	.094	.150	.214	.296	.390
	.806	-.065	.015	.056	.100	.153	.214	.297	.387
	.854	-.062	-.002	.061	.106	.157	.213	.294	.381
	.854	.064	.012	-.068	-.095	-.116	-.130	-.136	-.138
	.806	.055	.013	-.075	-.103	-.126	-.135	-.141	-.143
	.759	.055	.016	-.073	-.106	-.122	-.131	-.137	-.139
	.664	.050	.013	-.086	-.115	-.128	-.138	-.143	-.145
	.569	.045	.011	-.027	-.124	-.133	-.135	-.141	-.144
	.473	.049	.015	-.005	-.074	-.105	-.116	-.125	-.131
	.379	.046	.013	-.012	-.043	-.094	-.111	-.127	-.141
	.274	.050	.018	-.007	-.033	-.100	-.126	-.136	-.139
	.190								
LEEWARD WING									

Table 3. Continued

(c) $M_\infty = 1.70$; $\phi = 30^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
BODY	0								
	15	-.024	-.002	.015	.032	.021	-.034	.006	.047
	30	-.030	-.005	.014	.034	.040	.000	-.103	-.087
	45	-.031	-.003	.019	.045	.071	.069	.044	.020
	60	-.036	-.005	.022	.052	.077	.063	.053	.058
	75	-.037	-.003	.026	.041	.021	-.050	-.019	-.030
	90								
	105	.039	.005	-.023	-.066	-.123	-.215	-.226	-.260
	120	.033	.001	-.025	-.068	-.165	-.271	-.267	-.278
	135	.036	.009	-.012	-.040	-.077	-.107	-.202	-.234
	150	.027	.005	-.014	-.027	-.042	-.065	-.140	-.163
	165	.020	.003	-.016	-.036	-.054	-.084	-.159	-.154
	180	.019	.004	-.017	-.048	-.128	-.187	-.159	-.165
	195	.022	.005	-.018	-.047	-.090	-.139	-.136	-.160
	210	.030	.009	-.016	-.046	-.072	-.137	-.128	-.159
	225	.037	.010	-.020	-.052	-.073	-.107	-.134	-.182
	240	.040	.009	-.024	-.061	-.087	-.122	-.194	-.245
	255	.038	.009	-.025	-.063	-.116	-.229	-.343	-.407
	270								
	285	-.038	-.007	.020	.062	.105	.164	.239	.334
	300	-.036	-.007	.017	.057	.105	.174	.255	.350
	315	-.028	-.007	.014	.047	.093	.158	.237	.332
	330	-.018	-.004	.015	.040	.076	.136	.214	.305
	345	-.020	-.005	.013	.032	.048	.097	.169	.249
Y/S		CP FOR ALPHA, DEG =							
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.037	-.010	.020	.066	.121	.194	.277	.370
	.350	-.039	-.010	.022	.070	.127	.202	.288	.387
	.400	-.143	-.013	.025	.075	.135	.208	.295	.392
	.425								
	.450	-.161	-.025	.036	.090	.151	.221	.304	.403
LEEWARD WING	.450	.065	.008	-.122	-.181	-.232	-.234	-.242	-.279
	.425	.056	.008	-.140	-.218	-.252	-.245	-.240	-.275
	.400	.052	.009	-.047	-.223	-.272	-.233	-.241	-.270
	.350	.045	.006	-.020	-.087	-.181	-.181	-.253	-.277
	.300	.040	.003	-.025	-.060	-.093	-.231	-.236	-.269
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(e) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
BODY	0	-.041	-.006	.020	.054	.100	.120	.148	.171
	15	-.041	-.006	.021	.052	.089	.111	.128	.146
	30	-.040	-.004	.025	.059	.091	.128	.163	.198
	45	-.041	-.005	.027	.066	.105	.150	.192	.241
	60	-.041	-.005	.028	.069	.110	.152	.188	.235
	75	-.040	-.006	.027	.059	.089	.125	.138	.182
	90								
	105	.048	.010	-.019	-.052	-.070	-.120	-.202	-.262
	120	.038	.002	-.027	-.068	-.105	-.153	-.256	-.289
	135	.039	.005	-.023	-.055	-.096	-.149	-.218	-.279
	150	.040	.007	-.020	-.049	-.081	-.122	-.140	-.183
	165	.033	.003	-.024	-.060	-.093	-.120	-.139	-.169
	180	.032	.004	-.022	-.067	-.115	-.115	-.142	-.185
	195	.028	.000	-.027	-.063	-.096	-.108	-.143	-.196
	210	.031	.003	-.024	-.058	-.093	-.108	-.143	-.209
	225	.034	.005	-.023	-.055	-.091	-.125	-.205	-.271
	240	.033	.003	-.026	-.054	-.099	-.193	-.322	-.385
	255	.030	.002	-.029	-.054	-.106	-.195	-.292	-.370
	270								
	285	-.043	-.012	.023	.069	.122	.188	.257	.350
	300	-.042	-.007	.026	.069	.118	.174	.235	.326
	315	-.040	-.007	.024	.067	.118	.171	.233	.313
	330	-.038	-.006	.022	.063	.114	.158	.216	.274
	345	-.037	-.003	.024	.062	.109	.143	.189	.221
WINDWARD WING	Y/S								
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
	.075								
	.150								
	.225								
	.300	-.037	-.007	.028	.075	.126	.192	.262	.357
	.375	-.037	-.005	.032	.080	.132	.195	.266	.359
	.450								
	.524	-.052	-.003	.038	.086	.142	.202	.283	.375
	.599								
	.637								
	.674	-.142	-.023	.052	.104	.161	.229	.310	.403
LEEWARD WING	.674	.069	.013	-.097	-.172	-.220	-.284	-.320	-.346
	.637	.065	.014	-.122	-.181	-.232	-.313	-.329	-.352
	.599	.060	.013	-.122	-.231	-.271	-.329	-.334	-.355
	.524	.051	.009	-.012	-.161	-.290	-.347	-.326	-.344
	.450	.052	.012	-.017	-.065	-.160	-.214	-.259	-.290
	.375	.048	.010	-.020	-.056	-.093	-.102	-.194	-.236
	.300	.043	.004	-.025	-.052	-.059	-.128	-.208	-.267
	.225								
	.150								
	.075								

Table 3. Continued
(e) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
BODY	0	-.036	-.003	.025	.058	.095	.134	.186	.232
	15	-.035	-.002	.028	.060	.094	.127	.177	.216
	30	-.037	-.004	.025	.059	.097	.144	.194	.237
	45	-.038	-.006	.023	.060	.105	.156	.208	.250
	60	-.039	-.006	.022	.060	.108	.154	.199	.230
	75	-.036	-.006	.024	.057	.099	.136	.169	.193
	90								
	105	.058	.014	-.019	-.043	-.068	-.108	-.130	-.156
	120	.053	.012	-.021	-.051	-.074	-.116	-.141	-.167
	135	.050	.012	-.021	-.052	-.078	-.123	-.157	-.210
	150	.048	.013	-.019	-.049	-.075	-.118	-.150	-.189
	165	.042	.010	-.023	-.063	-.085	-.125	-.172	-.229
	180	.042	.011	-.021	-.061	-.083	-.121	-.177	-.258
	195	.043	.010	-.022	-.058	-.083	-.120	-.178	-.257
	210	.039	.005	-.026	-.060	-.089	-.126	-.194	-.279
	225	.040	.006	-.024	-.057	-.086	-.148	-.260	-.345
	240	.038	.005	-.024	-.056	-.090	-.203	-.325	-.374
	255	.032	-.001	-.027	-.056	-.094	-.179	-.306	-.374
	270								
	285	-.033	-.004	.027	.077	.137	.201	.275	.365
	300	-.037	-.007	.022	.070	.125	.190	.265	.353
	315	-.026	.001	.031	.076	.128	.187	.251	.327
	330	-.030	-.004	.027	.066	.115	.175	.238	.306
	345	-.035	-.004	.026	.062	.104	.158	.212	.272
	Y/S	CP FOR ALPHA, DEG =							
		-4.69	-.60	3.39	7.42	11.33	15.43	19.38	23.42
WINDWARD WING	.190								
	.274	-.034	-.005	.025	.074	.134	.198	.270	.360
	.379	-.031	-.003	.029	.078	.137	.203	.275	.365
	.473	-.035	-.007	.027	.077	.135	.203	.279	.367
	.569								
	.664	-.067	-.008	.031	.085	.147	.215	.298	.387
	.759	-.191	-.012	.035	.094	.157	.226	.307	.402
	.806	-.137	-.017	.038	.098	.160	.230	.312	.408
LEEWARD WING	.854	-.133	-.023	.044	.103	.166	.236	.318	.413
	.854	.075	.013	-.098	-.171	-.226	-.275	-.317	-.348
	.806	.076	.018	-.116	-.170	-.222	-.269	-.331	-.356
	.759	.068	.015	-.129	-.223	-.253	-.286	-.369	-.373
	.664	.064	.015	-.005	-.166	-.267	-.319	-.359	-.354
	.569	.060	.013	-.017	-.058	-.138	-.208	-.270	-.283
	.473	.053	.007	-.023	-.054	-.082	-.133	-.172	-.193
	.379	.052	.007	-.024	-.052	-.066	-.100	-.100	-.124
	.274	.053	.010	-.022	-.046	-.070	-.114	-.131	-.161
	.190								

Table 3. Continued

(f) $M_\infty = 2.16$; $\phi = 30^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
BODY	0								
	15	-.017	.001	.010	-.008	-.015	.007	.050	.100
	30	-.020	.002	.015	.016	-.039	-.060	-.035	-.003
	45	-.024	.003	.023	.039	.028	-.011	-.024	-.011
	60	-.029	.002	.027	.046	.032	.017	.021	.047
	75	-.028	.004	.031	.024	-.003	-.022	-.009	.018
	90								
	105	.030	.001	-.026	-.068	-.121	-.152	-.168	-.180
	120	.023	-.002	-.026	-.069	-.158	-.177	-.183	-.199
	135	.023	.003	-.015	-.040	-.061	-.118	-.136	-.145
	150	.013	.000	-.014	-.021	-.025	-.082	-.106	-.115
	165	.005	-.002	-.015	-.031	-.037	-.103	-.116	-.140
	180	.003	.000	-.015	-.046	-.129	-.135	-.131	-.153
	195	.007	.002	-.015	-.042	-.106	-.105	-.116	-.121
	210	.016	.004	-.018	-.043	-.078	-.091	-.103	-.108
	225	.026	.007	-.020	-.047	-.063	-.085	-.101	-.117
	240	.028	.006	-.026	-.057	-.075	-.100	-.130	-.142
	255	.031	.008	-.022	-.056	-.137	-.191	-.231	-.255
	270								
	285	-.030	-.006	.025	.062	.111	.172	.248	.347
	300	-.028	-.005	.021	.058	.114	.181	.267	.368
	315	-.020	-.002	.017	.051	.105	.168	.255	.352
	330	-.015	-.002	.013	.040	.089	.147	.230	.321
	345	-.014	-.001	.009	.025	.067	.117	.191	.272
Y/S		CP FOR ALPHA, DEG =							
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.027	-.006	.028	.071	.132	.205	.292	.397
	.350	-.028	-.007	.030	.075	.137	.210	.300	.409
	.400	-.120	-.009	.032	.080	.143	.218	.309	.417
	.425								
	.450	-.116	-.021	.042	.094	.156	.233	.323	.427
LEEWARD WING	.450	.048	-.002	-.112	-.148	-.168	-.158	-.180	-.196
	.425	.044	.003	-.123	-.158	-.172	-.155	-.174	-.192
	.400	.038	.000	-.103	-.174	-.183	-.158	-.173	-.193
	.350	.034	-.001	-.024	-.101	-.130	-.163	-.178	-.189
	.300	.030	-.002	-.027	-.058	-.096	-.151	-.174	-.181
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(f) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
BODY	0	-.028	-.001	.023	.046	.069	.065	.107	.167
	15	-.029	.000	.022	.046	.069	.063	.042	.074
	30	-.031	-.002	.021	.053	.080	.089	.106	.141
	45	-.033	-.003	.023	.056	.088	.115	.147	.192
	60	-.036	-.006	.022	.054	.084	.116	.143	.187
	75	-.033	-.004	.022	.047	.062	.078	.103	.146
	90								
	105	.030	.000	-.026	-.048	-.069	-.132	-.171	-.180
	120	.030	.002	-.023	-.057	-.095	-.157	-.181	-.189
	135	.030	.003	-.020	-.049	-.088	-.115	-.160	-.174
	150	.029	.003	-.018	-.043	-.069	-.078	-.105	-.123
	165	.028	.003	-.019	-.048	-.064	-.090	-.100	-.115
	180	.025	.002	-.023	-.064	-.101	-.090	-.106	-.122
	195	.025	.002	-.024	-.052	-.074	-.084	-.103	-.121
	210	.024	.001	-.025	-.048	-.080	-.084	-.105	-.133
	225	.023	-.003	-.028	-.050	-.083	-.107	-.134	-.150
	240	.024	-.002	-.028	-.047	-.093	-.151	-.191	-.220
	255	.022	-.004	-.029	-.047	-.103	-.164	-.216	-.242
	270								
	285	-.026	.001	.030	.067	.119	.187	.272	.370
	300	-.028	.000	.028	.061	.103	.165	.244	.343
	315	-.024	.000	.028	.059	.099	.165	.241	.336
	330	-.025	.000	.026	.057	.086	.143	.214	.303
	345	-.026	.000	.025	.052	.078	.109	.172	.248
WINDWARD WING	Y/S								
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
	.075								
	.150								
	.225								
	.300	-.025	.001	.029	.067	.119	.186	.272	.372
	.375	-.026	.001	.031	.069	.125	.193	.275	.376
	.450								
	.524	-.032	.000	.035	.077	.138	.212	.294	.398
	.599								
	.637								
	.674	-.105	-.007	.045	.095	.161	.235	.322	.427
	.674	.049	.002	-.097	-.142	-.187	-.202	-.221	-.230
	.637	.045	.003	-.103	-.144	-.186	-.205	-.223	-.231
	.599	.041	.003	-.127	-.159	-.190	-.208	-.225	-.229
	.524	.037	.004	-.027	-.160	-.214	-.204	-.215	-.215
	.450	.032	.000	-.021	-.079	-.156	-.167	-.189	-.189
	.375	.031	.001	-.026	-.055	-.083	-.126	-.152	-.162
	.300	.032	.001	-.024	-.040	-.048	-.128	-.170	-.181
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(f) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
BODY	0	-.030	-.002	.024	.054	.084	.109	.139	.191
	15	-.029	-.001	.026	.056	.086	.107	.132	.178
	30	-.033	-.005	.023	.056	.092	.125	.166	.230
	45	-.031	-.003	.025	.059	.101	.139	.187	.250
	60	-.031	-.003	.025	.058	.099	.137	.183	.243
	75	-.028	-.002	.028	.055	.086	.119	.157	.213
	90								
	105	.036	.002	-.023	-.036	-.060	-.089	-.119	-.125
	120	.033	.001	-.024	-.044	-.063	-.092	-.131	-.128
	135	.032	.002	-.022	-.044	-.068	-.103	-.143	-.142
	150	.031	.003	-.021	-.042	-.066	-.100	-.110	-.137
	165	.029	.003	-.023	-.053	-.072	-.107	-.119	-.159
	180	.027	.002	-.025	-.056	-.077	-.104	-.124	-.160
	195	.029	.003	-.026	-.050	-.073	-.102	-.123	-.156
	210	.029	.002	-.025	-.047	-.075	-.099	-.124	-.156
	225	.028	.001	-.026	-.048	-.080	-.126	-.157	-.194
	240	.026	.000	-.027	-.047	-.095	-.175	-.220	-.249
	255	.027	.001	-.025	-.043	-.095	-.160	-.214	-.244
	270								
	285	-.027	-.001	.030	.071	.122	.181	.267	.361
	300	-.029	-.002	.027	.065	.117	.173	.255	.348
	315	-.025	.000	.029	.065	.109	.154	.218	.301
	330	-.025	-.001	.029	.061	.103	.145	.203	.281
	345	-.027	-.001	.027	.058	.093	.126	.173	.231
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.01	7.98	12.03	15.98	19.99	24.02
WINDWARD WING	.190								
	.274	-.027	-.001	.029	.070	.120	.179	.265	.360
	.379	-.030	-.004	.028	.067	.119	.177	.264	.358
	.473	-.027	-.001	.031	.072	.124	.184	.273	.368
	.569								
	.664	-.051	-.002	.035	.079	.129	.204	.291	.392
	.759	-.131	-.003	.038	.083	.136	.215	.302	.407
	.806	-.102	-.003	.042	.089	.145	.224	.312	.417
	.854	-.098	-.007	.047	.095	.155	.234	.322	.427
LEEWARD WING	.854	.052	.004	-.091	-.139	-.182	-.198	-.222	-.231
	.806	.046	.003	-.097	-.141	-.177	-.220	-.230	-.242
	.759	.044	.004	-.123	-.149	-.176	-.228	-.235	-.244
	.664	.040	.005	-.039	-.173	-.208	-.240	-.236	-.234
	.569	.038	.002	-.018	-.077	-.139	-.190	-.201	-.200
	.473	.038	.003	-.023	-.045	-.071	-.113	-.140	-.143
	.379	.034	.000	-.025	-.042	-.050	-.062	-.092	-.105
	.274	.035	.002	-.023	-.035	-.059	-.086	-.116	-.125
	.190								

Table 3. Continued

(g) $M_\infty = 2.40$; $\phi = 30^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
BODY	0								
	15	-.012	.006	.010	-.008	.000	.031	.073	.120
	30	-.015	.007	.018	.002	-.037	-.030	-.005	.024
	45	-.019	.009	.027	.037	.016	-.019	-.018	-.004
	60	-.024	.008	.030	.044	.027	.018	.030	.048
	75	-.024	.011	.033	.017	.012	.005	.013	.027
	90								
	105	.035	.002	-.021	-.062	-.118	-.130	-.148	-.163
	120	.028	.000	-.020	-.062	-.133	-.148	-.162	-.177
	135	.026	.004	-.010	-.035	-.054	-.112	-.123	-.135
	150	.017	.002	-.008	-.015	-.023	-.080	-.095	-.108
	165	.009	.001	-.008	-.023	-.036	-.098	-.110	-.127
	180	.002	.001	-.009	-.039	-.114	-.119	-.124	-.131
	195	.006	.004	-.009	-.036	-.098	-.102	-.108	-.114
	210	.016	.006	-.011	-.037	-.070	-.087	-.093	-.105
	225	.027	.008	-.015	-.040	-.057	-.077	-.098	-.111
	240	.030	.007	-.021	-.051	-.069	-.098	-.110	-.117
	255	.033	.011	-.018	-.052	-.112	-.153	-.184	-.202
	270								
	285	-.024	.003	.030	.069	.119	.186	.263	.356
	300	-.022	.003	.027	.066	.121	.198	.283	.379
	315	-.014	.004	.023	.058	.110	.185	.268	.362
	330	-.010	.004	.018	.046	.092	.161	.241	.331
	345	-.009	.005	.013	.031	.070	.131	.203	.285
Y/S		CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.022	.002	.033	.079	.140	.220	.310	.409
	.350	-.024	.002	.036	.083	.146	.227	.318	.420
	.400	-.113	.001	.039	.089	.152	.235	.326	.430
	.425								
	.450	-.100	-.009	.048	.104	.166	.249	.337	.441
LEEWARD WING	.450	.052	-.008	-.102	-.130	-.142	-.142	-.161	-.175
	.425	.048	.003	-.107	-.133	-.143	-.136	-.155	-.171
	.400	.043	.001	-.111	-.146	-.150	-.135	-.156	-.172
	.350	.038	.001	-.022	-.098	-.107	-.137	-.155	-.166
	.300	.035	-.001	-.022	-.052	-.103	-.132	-.154	-.165
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(g) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
BODY	0	-.019	.006	.031	.053	.062	.082	.136	.197
	15	-.019	.008	.032	.053	.061	.042	.065	.106
	30	-.021	.006	.031	.058	.073	.076	.096	.112
	45	-.022	.006	.033	.062	.085	.109	.147	.190
	60	-.024	.004	.032	.060	.082	.110	.145	.188
	75	-.020	.006	.035	.054	.057	.080	.111	.152
	90								
	105	.032	.006	-.017	-.040	-.071	-.133	-.155	-.164
	120	.032	.007	-.017	-.051	-.093	-.142	-.159	-.166
	135	.032	.007	-.015	-.040	-.079	-.107	-.143	-.152
	150	.032	.007	-.013	-.033	-.062	-.066	-.104	-.115
	165	.033	.009	-.010	-.036	-.060	-.072	-.090	-.110
	180	.029	.006	-.015	-.056	-.083	-.078	-.091	-.110
	195	.029	.007	-.015	-.045	-.066	-.076	-.090	-.110
	210	.028	.006	-.017	-.041	-.069	-.078	-.100	-.107
	225	.028	.004	-.019	-.042	-.072	-.088	-.106	-.106
	240	.028	.003	-.020	-.041	-.081	-.116	-.142	-.183
	255	.028	.003	-.021	-.041	-.095	-.152	-.185	-.203
	270								
	285	-.018	.006	.035	.073	.129	.210	.302	.402
	300	-.020	.005	.032	.065	.111	.185	.272	.366
	315	-.017	.006	.032	.063	.106	.181	.266	.357
	330	-.016	.006	.031	.060	.092	.161	.238	.325
	345	-.017	.007	.031	.057	.075	.129	.199	.274
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
	.075								
	.150								
	.225								
	.300	-.018	.005	.035	.075	.130	.212	.304	.405
	.375	-.018	.006	.037	.077	.132	.212	.302	.403
	.450								
	.524	-.037	.006	.040	.084	.143	.228	.319	.419
	.599								
	.637								
	.674	-.089	-.002	.050	.103	.165	.254	.348	.447
LEEWARD WING	.674	.050	.000	-.088	-.126	-.164	-.173	-.186	-.192
	.637	.046	.006	-.093	-.127	-.166	-.173	-.186	-.193
	.599	.043	.006	-.104	-.132	-.167	-.173	-.187	-.192
	.524	.039	.007	-.046	-.148	-.178	-.169	-.180	-.182
	.450	.034	.005	-.014	-.082	-.145	-.149	-.162	-.161
	.375	.033	.006	-.016	-.049	-.065	-.127	-.141	-.147
	.300	.033	.007	-.015	-.033	-.055	-.129	-.156	-.165
	.225								
	.150								
	.075								

Table 3. Continued

(g) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
BODY	0	-.022	.005	.031	.058	.078	.106	.137	.174
	15	-.022	.006	.032	.058	.085	.106	.135	.169
	30	-.024	.004	.030	.059	.095	.130	.172	.223
	45	-.024	.004	.032	.063	.102	.143	.194	.249
	60	-.024	.004	.030	.063	.101	.140	.190	.241
	75	-.021	.005	.033	.060	.088	.121	.165	.212
	90								
	105	.039	.009	-.016	-.034	-.060	-.092	-.128	-.125
	120	.036	.007	-.017	-.041	-.063	-.098	-.136	-.135
	135	.035	.008	-.016	-.041	-.067	-.107	-.138	-.145
	150	.033	.007	-.015	-.039	-.064	-.090	-.106	-.146
	165	.031	.006	-.015	-.048	-.068	-.089	-.106	-.146
	180	.029	.005	-.018	-.054	-.067	-.086	-.108	-.144
	195	.029	.005	-.018	-.048	-.064	-.084	-.107	-.136
	210	.033	.008	-.017	-.044	-.065	-.084	-.110	-.129
	225	.031	.004	-.021	-.045	-.071	-.100	-.122	-.137
	240	.028	.003	-.022	-.043	-.086	-.141	-.180	-.207
	255	.030	.003	-.021	-.040	-.086	-.145	-.185	-.204
	270								
	285	-.017	.007	.036	.074	.121	.194	.287	.379
	300	-.019	.007	.034	.069	.114	.184	.274	.366
	315	-.017	.008	.034	.068	.105	.162	.241	.325
	330	-.018	.007	.033	.065	.099	.149	.223	.303
	345	-.020	.007	.032	.062	.087	.128	.178	.249
	Y/S	CP FOR ALPHA, DEG =							
		-4.04	-.01	3.95	8.00	11.99	16.09	20.11	23.96
WINDWARD WING	.190								
	.274	-.017	.008	.035	.073	.119	.194	.285	.377
	.379	-.019	.005	.034	.071	.118	.193	.285	.377
	.473	-.018	.007	.036	.075	.124	.200	.292	.386
	.569								
	.664	-.055	.006	.041	.082	.137	.220	.311	.413
	.759	-.103	.005	.043	.089	.148	.233	.327	.428
	.806	-.086	.006	.047	.096	.157	.243	.337	.439
	.854	-.080	.004	.052	.103	.166	.252	.347	.449
LEEWARD WING	.854	.055	.006	-.078	-.122	-.161	-.177	-.191	-.193
	.806	.049	.007	-.087	-.127	-.161	-.184	-.196	-.199
	.759	.047	.008	-.099	-.127	-.155	-.188	-.197	-.200
	.664	.043	.008	-.059	-.156	-.171	-.198	-.195	-.191
	.569	.038	.006	-.012	-.085	-.133	-.169	-.170	-.162
	.473	.039	.008	-.015	-.045	-.070	-.109	-.130	-.115
	.379	.038	.007	-.017	-.038	-.047	-.057	-.108	-.099
	.274	.038	.009	-.015	-.032	-.057	-.085	-.126	-.122
	.190								

Table 3. Continued

(h) $M_\infty = 2.86$; $\phi = 30^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
BODY	0								
	15	-.003	.008	.009	.002	.016	.042	.083	.124
	30	-.004	.012	.018	-.005	-.014	-.002	.022	.048
	45	-.010	.012	.027	.027	.001	-.012	-.003	.013
	60	-.016	.010	.030	.036	.023	.018	.031	.046
	75	-.017	.012	.033	.017	.018	.011	.020	.028
	90								
	105	.040	.009	-.014	-.049	-.090	-.101	-.112	-.122
	120	.036	.008	-.011	-.045	-.096	-.105	-.117	-.125
	135	.035	.012	-.002	-.022	-.042	-.079	-.089	-.100
	150	.023	.005	-.003	-.010	-.021	-.062	-.075	-.080
	165	.014	.004	-.003	-.016	-.032	-.076	-.085	-.094
	180	.008	.005	-.003	-.027	-.081	-.085	-.091	-.092
	195	.008	.009	-.003	-.026	-.072	-.080	-.084	-.085
	210	.016	.010	-.007	-.030	-.055	-.068	-.075	-.082
	225	.029	.013	-.010	-.034	-.053	-.066	-.074	-.081
	240	.032	.012	-.016	-.047	-.059	-.073	-.079	-.079
	255	.033	.015	-.016	-.050	-.074	-.094	-.111	-.129
	270								
	285	-.016	.005	.033	.071	.116	.176	.251	.331
	300	-.014	.004	.029	.066	.117	.184	.268	.355
	315	-.003	.010	.029	.062	.109	.174	.255	.341
	330	.000	.007	.020	.048	.090	.150	.226	.308
	345	.002	.008	.016	.036	.072	.123	.192	.266
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.013	.007	.038	.081	.137	.211	.298	.389
	.350	-.017	.006	.039	.085	.142	.217	.308	.399
	.400	-.084	.002	.042	.090	.149	.225	.316	.409
	.425								
	.450	-.068	-.004	.052	.105	.166	.242	.333	.427
LEEWARD WING	.450	.059	.004	-.074	-.099	-.104	-.110	-.122	-.130
	.425	.054	.008	-.074	-.097	-.102	-.104	-.116	-.125
	.400	.047	.004	-.084	-.107	-.109	-.105	-.119	-.129
	.350	.042	.006	-.016	-.083	-.079	-.101	-.115	-.123
	.300	.041	.006	-.015	-.042	-.092	-.101	-.115	-.122
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(h) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
BODY	0	-.002	.015	.033	.048	.056	.094	.152	.207
	15	-.003	.015	.034	.048	.045	.047	.088	.127
	30	-.006	.012	.033	.051	.059	.051	.056	.075
	45	-.007	.012	.034	.056	.072	.091	.125	.160
	60	-.011	.008	.032	.052	.069	.094	.130	.163
	75	-.009	.011	.035	.047	.053	.075	.106	.135
	90								
	105	.033	.007	-.014	-.036	-.073	-.112	-.125	-.132
	120	.036	.012	-.009	-.039	-.078	-.109	-.120	-.126
	135	.034	.011	-.009	-.029	-.057	-.086	-.110	-.116
	150	.034	.011	-.008	-.022	-.046	-.056	-.083	-.092
	165	.035	.013	-.006	-.025	-.047	-.053	-.069	-.084
	180	.031	.011	-.010	-.043	-.057	-.057	-.072	-.085
	195	.034	.014	-.009	-.034	-.048	-.057	-.070	-.077
	210	.033	.012	-.011	-.032	-.049	-.062	-.073	-.078
	225	.031	.007	-.016	-.035	-.053	-.066	-.077	-.082
	240	.031	.008	-.014	-.033	-.058	-.073	-.107	-.122
	255	.033	.008	-.015	-.036	-.084	-.121	-.135	-.142
	270								
	285	.000	.015	.041	.081	.135	.210	.300	.399
	300	-.003	.013	.035	.070	.117	.183	.269	.358
	315	.001	.015	.036	.067	.115	.182	.266	.352
	330	.000	.014	.034	.058	.101	.163	.241	.321
	345	-.002	.014	.033	.051	.082	.135	.206	.274
WINDWARD WING	Y/S								
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
	.075								
	.150								
	.225								
	.300	-.001	.013	.039	.081	.136	.210	.301	.399
	.375	.000	.014	.041	.083	.138	.211	.300	.398
	.450								
	.524	-.042	.014	.046	.093	.151	.228	.319	.418
	.599								
	.637								
	.674	-.060	-.007	.058	.111	.176	.255	.349	.452
LEEWARD WING	.674	.057	.000	-.071	-.097	-.122	-.130	-.137	-.140
	.637	.053	.009	-.071	-.100	-.123	-.129	-.136	-.140
	.599	.051	.010	-.079	-.102	-.125	-.130	-.137	-.140
	.524	.047	.012	-.050	-.108	-.126	-.123	-.127	-.130
	.450	.038	.008	-.010	-.075	-.115	-.116	-.122	-.124
	.375	.037	.009	-.011	-.041	-.063	-.104	-.113	-.121
	.300	.038	.012	-.009	-.025	-.063	-.108	-.121	-.128
	.225								
	.150								
	.075								

Table 3. Continued
(h) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
BODY	0	-.005	.020	.044	.064	.078	.092	.140	.195
	15	-.004	.020	.044	.064	.078	.089	.102	.124
	30	-.008	.015	.038	.064	.089	.114	.159	.200
	45	-.005	.018	.041	.069	.100	.133	.182	.230
	60	-.006	.016	.040	.067	.098	.131	.176	.223
	75	-.004	.016	.040	.062	.086	.115	.155	.197
	90								
	105	.042	.013	-.009	-.024	-.047	-.084	-.103	-.112
	120	.039	.012	-.011	-.030	-.051	-.090	-.109	-.117
	135	.037	.012	-.010	-.030	-.054	-.083	-.101	-.118
	150	.036	.012	-.009	-.028	-.054	-.069	-.080	-.113
	165	.036	.012	-.009	-.036	-.053	-.065	-.081	-.109
	180	.034	.011	-.011	-.041	-.052	-.063	-.082	-.107
	195	.036	.012	-.010	-.033	-.047	-.058	-.075	-.101
	210	.040	.015	-.007	-.029	-.047	-.057	-.072	-.094
	225	.037	.012	-.010	-.030	-.050	-.060	-.071	-.104
	240	.034	.009	-.011	-.027	-.061	-.085	-.126	-.130
	255	.038	.013	-.007	-.023	-.071	-.112	-.130	-.135
	270								
	285	.001	.025	.051	.083	.136	.211	.298	.394
	300	-.003	.022	.048	.078	.126	.199	.282	.377
	315	-.002	.022	.047	.076	.113	.175	.254	.334
	330	-.001	.022	.046	.074	.106	.162	.239	.319
	345	.001	.022	.047	.071	.093	.132	.198	.268
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.03	.02	4.00	7.98	12.00	16.03	20.01	23.97
	.190								
	.274	.002	.028	.053	.083	.136	.212	.298	.394
	.379	-.004	.021	.045	.078	.133	.208	.293	.391
	.473	.002	.028	.051	.086	.141	.217	.305	.402
	.569								
	.664	-.054	.025	.056	.102	.155	.234	.328	.428
	.759	-.068	.022	.059	.109	.167	.246	.342	.446
	.806	-.057	.022	.064	.117	.178	.257	.353	.461
	.854	-.053	.011	.070	.126	.190	.268	.364	.474
	.854	.060	.007	-.060	-.088	-.118	-.129	-.136	-.137
	.806	.052	.012	-.069	-.100	-.129	-.136	-.142	-.143
	.759	.051	.015	-.073	-.094	-.122	-.133	-.138	-.140
	.664	.045	.012	-.063	-.112	-.128	-.140	-.142	-.139
	.569	.040	.010	-.005	-.080	-.121	-.125	-.128	-.124
	.473	.044	.014	-.006	-.033	-.063	-.086	-.102	-.097
	.379	.041	.011	-.010	-.027	-.035	-.059	-.095	-.094
	.274	.046	.016	-.005	-.018	-.044	-.080	-.101	-.108
	.190								
LEEWARD WING									

Table 3. Continued

(i) $M_\infty = 1.70$; $\phi = 60^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
BODY	0								
	15	-.020	.000	.006	-.013	-.085	-.208	-.228	-.221
	30	-.026	-.003	.006	-.003	-.040	-.135	-.293	-.287
	45	-.030	-.001	.014	.017	.004	-.061	-.208	-.263
	60	-.028	-.002	.016	.021	.008	-.042	-.140	-.200
	75	-.018	.001	.021	.015	-.013	-.032	-.115	-.168
	90								
	105	.025	.001	-.014	-.031	-.057	-.056	-.093	-.122
	120	.015	-.003	-.017	-.028	-.053	-.059	-.107	-.129
	135	.015	.006	-.006	-.023	-.044	-.058	-.141	-.147
	150	.004	.002	-.010	-.038	-.121	-.169	-.139	-.167
	165	-.005	-.004	-.017	-.042	-.079	-.117	-.116	-.155
	180	-.003	-.002	-.017	-.040	-.062	-.121	-.106	-.145
	195	.002	.000	-.019	-.047	-.062	-.092	-.098	-.141
	210	.013	.005	-.017	-.056	-.077	-.069	-.109	-.153
	225	.020	.006	-.019	-.062	-.100	-.088	-.174	-.199
	240	.019	.005	-.019	-.054	-.083	-.081	-.110	-.069
	255	.020	.005	-.017	-.036	-.058	-.078	-.078	-.092
	270								
	285	-.015	-.003	.014	.042	.084	.146	.230	.315
	300	-.012	-.004	.011	.035	.068	.127	.210	.290
	315	-.014	-.005	.006	.021	.041	.087	.162	.233
	330	-.014	-.003	.005	.008	.008	.034	.089	.146
	345	-.018	-.003	.003	-.007	-.034	-.044	-.012	.028
	Y/S	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.017	-.006	.013	.044	.089	.151	.236	.324
	.350	-.018	-.007	.015	.046	.093	.156	.241	.329
	.400	-.019	-.010	.017	.050	.100	.162	.246	.335
	.425								
	.450	-.108	-.008	.025	.068	.125	.193	.282	.374
LEEWARD WING	.450	.044	.003	-.090	-.133	-.151	-.167	-.165	-.189
	.425	.039	.004	-.061	-.149	-.163	-.179	-.138	-.161
	.400	.039	.006	-.010	-.070	-.151	-.173	-.097	-.128
	.350	.029	.001	-.013	-.036	-.105	-.089	-.083	-.112
	.300	.025	-.002	-.016	-.028	-.043	-.049	-.090	-.122
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(i) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
BODY	0	-.034	-.004	.010	.009	-.014	-.097	-.158	-.139
	15	-.036	-.004	.011	.014	-.009	-.033	-.143	-.238
	30	-.033	.000	.017	.028	.026	.016	-.075	-.149
	45	-.033	-.001	.018	.034	.036	.018	-.079	-.132
	60	-.028	.000	.020	.035	.038	.007	-.107	-.140
	75	-.025	-.002	.018	.022	.003	-.012	-.131	-.149
	90								
	105	.029	.004	-.014	-.029	-.047	-.079	-.109	-.124
	120	.016	-.004	-.023	-.042	-.063	-.094	-.113	-.135
	135	.015	.000	-.019	-.049	-.079	-.098	-.096	-.122
	150	.016	.003	-.017	-.050	-.075	-.085	-.085	-.105
	165	.006	-.003	-.023	-.052	-.077	-.082	-.090	-.108
	180	.006	.000	-.019	-.049	-.075	-.075	-.080	-.088
	195	.000	-.005	-.024	-.056	-.088	-.082	-.081	-.087
	210	.006	-.003	-.021	-.054	-.093	-.091	-.087	-.090
	225	.010	-.002	-.021	-.049	-.076	-.071	-.055	-.060
	240	.011	-.002	-.020	-.039	-.048	-.039	-.027	-.056
	255	.009	-.004	-.023	-.032	-.038	-.058	-.171	-.240
	270								
	285	-.027	-.012	.010	.043	.079	.126	.212	.290
	300	-.024	-.005	.016	.042	.073	.109	.186	.259
	315	-.028	-.005	.015	.035	.056	.065	.131	.195
	330	-.031	-.005	.012	.025	.037	.008	.047	.104
	345	-.028	-.001	.014	.019	.013	-.051	-.049	-.011
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
	.075								
	.150								
	.225								
	.300	-.020	-.006	.015	.049	.085	.134	.220	.303
	.375	-.020	-.004	.019	.053	.088	.137	.221	.303
	.450								
	.524	-.018	-.006	.020	.055	.096	.152	.231	.320
	.599								
	.637								
	.674	-.100	-.008	.035	.075	.126	.196	.281	.378
LEEWARD WING	.674	.044	.006	-.076	-.123	-.163	-.221	-.291	-.326
	.637	.042	.009	-.095	-.174	-.213	-.268	-.309	-.314
	.599	.038	.008	-.042	-.119	-.202	-.275	-.295	-.282
	.524	.031	.001	-.016	-.034	-.064	-.134	-.203	-.211
	.450	.034	.004	-.014	-.031	-.034	-.069	-.131	-.142
	.375	.029	.002	-.016	-.031	-.037	-.072	-.114	-.122
	.300	.021	-.003	-.021	-.033	-.049	-.085	-.116	-.129
	.225								
	.150								
	.075								

Table 3. Continued

(i) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
BODY	0	-.030	-.004	.012	.014	.001	-.048	-.153	-.168
	15	-.029	.001	.017	.019	.020	.001	-.013	-.086
	30	-.032	-.001	.015	.024	.043	.036	.007	-.060
	45	-.029	-.001	.013	.027	.047	.040	.001	-.071
	60	-.018	.000	.012	.028	.044	.030	-.009	-.120
	75	-.010	-.001	.014	.024	.032	.017	-.013	-.104
	90								
	105	.033	.006	-.011	-.026	-.052	-.080	-.074	-.080
	120	.026	.003	-.014	-.032	-.060	-.086	-.078	-.086
	135	.022	.004	-.017	-.048	-.066	-.082	-.082	-.085
	150	.019	.004	-.018	-.044	-.060	-.077	-.085	-.084
	165	.012	-.001	-.022	-.046	-.063	-.082	-.095	-.089
	180	.012	.001	-.019	-.044	-.064	-.083	-.103	-.089
	195	.011	.000	-.021	-.051	-.079	-.104	-.123	-.114
	210	.008	-.004	-.026	-.058	-.087	-.103	-.106	-.107
	225	.012	-.001	-.020	-.049	-.065	-.063	-.043	-.025
	240	.013	.000	-.018	-.036	-.040	-.043	-.062	-.131
	255	.008	-.008	-.023	-.033	-.028	-.054	-.136	-.236
	270								
	285	-.019	-.003	.021	.056	.093	.131	.204	.292
	300	-.024	-.006	.017	.046	.076	.105	.164	.244
	315	-.017	.006	.026	.048	.068	.090	.115	.183
	330	-.027	-.002	.016	.029	.036	.034	.024	.074
	345	-.030	-.005	.011	.017	.010	-.021	-.076	-.048
	Y/S	CP FOR ALPHA, DEG =							
		-4.44	-.40	3.63	7.57	11.61	15.57	19.60	23.55
WINDWARD WING	.190								
	.274	-.020	-.005	.018	.053	.092	.131	.204	.293
	.379	-.018	-.003	.022	.060	.096	.131	.203	.291
	.473	-.023	-.007	.017	.056	.092	.128	.196	.286
	.569								
	.664	-.017	-.008	.019	.061	.102	.142	.213	.308
	.759	-.065	-.007	.023	.068	.114	.157	.234	.332
	.806	-.122	-.009	.025	.072	.122	.169	.249	.349
LEEWARD WING	.854	-.087	-.011	.028	.079	.133	.185	.268	.368
	.854	.045	.003	-.076	-.111	-.173	-.244	-.307	-.340
	.806	.048	.011	-.088	-.160	-.215	-.288	-.328	-.335
	.759	.042	.006	-.046	-.111	-.168	-.220	-.304	-.324
	.664	.039	.008	-.006	-.021	-.045	-.068	-.167	-.242
	.569	.036	.007	-.012	-.023	-.035	-.051	-.080	-.134
	.473	.027	-.002	-.018	-.033	-.046	-.067	-.073	-.086
	.379	.026	-.001	-.018	-.032	-.052	-.079	-.076	-.082
	.274	.026	.000	-.016	-.030	-.055	-.084	-.079	-.084
	.190								

Table 3. Continued

(j) $M_\infty = 2.16$; $\phi = 60^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
BODY	0								
	15	-.020	.000	.001	-.037	-.114	-.127	-.120	-.106
	30	-.022	.002	.008	-.010	-.064	-.159	-.182	-.181
	45	-.022	.003	.014	.009	-.037	-.136	-.162	-.167
	60	-.021	.003	.016	.012	-.036	-.102	-.139	-.152
	75	-.017	.005	.018	.003	-.065	-.088	-.126	-.143
	90								
	105	.019	.000	-.013	-.030	-.039	-.055	-.083	-.093
	120	.013	-.002	-.013	-.023	-.034	-.062	-.086	-.097
	135	.011	.002	-.006	-.023	-.032	-.091	-.097	-.117
	150	.000	.000	-.009	-.037	-.129	-.111	-.122	-.141
	165	-.009	-.003	-.014	-.035	-.098	-.092	-.109	-.120
	180	-.010	-.001	-.015	-.035	-.069	-.082	-.105	-.111
	195	-.003	.001	-.017	-.041	-.059	-.084	-.099	-.108
	210	.006	.003	-.019	-.054	-.064	-.090	-.112	-.124
	225	.014	.005	-.019	-.062	-.112	-.134	-.136	-.119
	240	.014	.003	-.019	-.055	-.083	-.067	-.036	.003
	255	.017	.007	-.012	-.038	-.039	-.015	.018	.050
	270								
	285	-.015	-.003	.013	.046	.095	.162	.243	.339
	300	-.013	-.003	.010	.038	.085	.145	.222	.311
	315	-.011	-.002	.007	.026	.064	.116	.185	.263
	330	-.012	-.002	.002	.007	.029	.066	.123	.187
	345	-.014	-.001	-.001	-.015	-.015	.003	.045	.090
	Y/S	CP FOR ALPHA, DEG =							
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.014	-.003	.014	.049	.099	.167	.249	.345
	.350	-.016	-.004	.015	.051	.102	.171	.254	.349
	.400	-.027	-.006	.017	.056	.110	.180	.263	.360
	.425								
	.450	-.080	-.014	.024	.070	.130	.205	.293	.398
LEEWARD WING	.450	.031	-.005	-.077	-.100	-.107	-.122	-.141	-.156
	.425	.031	.001	-.062	-.111	-.112	-.115	-.126	-.144
	.400	.025	-.002	-.022	-.084	-.112	-.088	-.105	-.123
	.350	.021	-.002	-.014	-.041	-.084	-.049	-.079	-.093
	.300	.018	-.003	-.015	-.026	-.027	-.052	-.083	-.093
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(j) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
BODY	0	-.023	.001	.009	.004	-.042	-.080	-.063	-.041
	15	-.026	.000	.010	.010	-.008	-.099	-.136	-.128
	30	-.029	-.002	.011	.018	.006	-.050	-.103	-.125
	45	-.025	-.001	.013	.022	.006	-.046	-.091	-.117
	60	-.021	-.003	.011	.019	.006	-.063	-.098	-.115
	75	-.014	-.001	.011	.010	-.014	-.065	-.103	-.116
	90								
	105	.020	.001	-.012	-.024	-.038	-.079	-.088	-.097
	120	.020	.003	-.010	-.025	-.042	-.080	-.087	-.090
	135	.017	.003	-.011	-.042	-.061	-.083	-.087	-.092
	150	.014	.003	-.014	-.045	-.077	-.068	-.074	-.082
	165	.011	.003	-.015	-.039	-.060	-.065	-.072	-.077
	180	.007	.002	-.018	-.040	-.069	-.055	-.061	-.072
	195	.008	.002	-.018	-.043	-.065	-.048	-.063	-.069
	210	.010	.001	-.019	-.048	-.068	-.055	-.079	-.075
	225	.009	-.002	-.023	-.048	-.059	-.062	-.072	-.042
	240	.012	-.002	-.020	-.035	-.034	-.029	-.006	.025
	255	.011	-.002	-.019	-.026	-.030	-.065	-.102	-.108
	270								
	285	-.012	.002	.021	.043	.085	.156	.225	.321
	300	-.014	.001	.018	.037	.069	.135	.202	.288
	315	-.016	.002	.017	.027	.048	.099	.161	.232
	330	-.019	.001	.014	.014	.012	.048	.095	.151
	345	-.021	.002	.011	.004	-.032	-.014	.017	.056
WINDWARD WING	Y/S								
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
	.075								
	.150								
	.225								
	.300	-.011	.002	.020	.044	.087	.159	.229	.326
	.375	-.012	.003	.022	.046	.089	.160	.233	.326
	.450								
	.524	-.005	.003	.022	.053	.101	.169	.249	.340
	.599								
	.637								
	.674	-.072	-.005	.027	.071	.128	.205	.292	.388
LEEWARD WING	.674	.031	-.001	-.069	-.097	-.125	-.175	-.221	-.214
	.637	.028	.000	-.087	-.124	-.146	-.187	-.225	-.208
	.599	.025	.000	-.052	-.115	-.160	-.190	-.210	-.199
	.524	.024	.004	-.007	-.020	-.074	-.124	-.151	-.179
	.450	.020	.003	-.012	-.023	-.025	-.077	-.100	-.147
	.375	.021	.004	-.012	-.024	-.027	-.072	-.083	-.107
	.300	.021	.003	-.010	-.019	-.033	-.075	-.085	-.096
	.225								
	.150								
	.075								

Table 3. Continued

(j) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
BODY	0	-.025	-.003	.009	.006	-.017	-.100	-.086	-.059
	15	-.026	.000	.012	.014	.012	-.034	-.097	-.113
	30	-.029	-.005	.010	.019	.025	-.015	-.066	-.082
	45	-.024	-.003	.013	.025	.031	-.012	-.061	-.077
	60	-.020	-.003	.014	.024	.024	-.027	-.083	-.089
	75	-.015	-.001	.016	.020	.014	-.018	-.066	-.085
	90								
	105	.023	.000	-.013	-.024	-.049	-.062	-.068	-.069
	120	.020	.000	-.015	-.029	-.054	-.067	-.070	-.074
	135	.017	.000	-.017	-.046	-.063	-.066	-.067	-.079
	150	.013	.001	-.018	-.039	-.054	-.064	-.066	-.079
	165	.010	.000	-.020	-.037	-.053	-.068	-.072	-.082
	180	.007	-.001	-.021	-.039	-.056	-.068	-.074	-.081
	195	.009	.000	-.021	-.043	-.066	-.075	-.085	-.088
	210	.013	.001	-.020	-.046	-.074	-.074	-.087	-.083
	225	.013	.000	-.020	-.041	-.056	-.044	-.027	.003
	240	.012	.000	-.019	-.030	-.031	-.025	-.052	-.071
	255	.013	.001	-.015	-.021	-.023	-.083	-.126	-.128
	270								
	285	-.017	-.004	.016	.045	.076	.142	.217	.311
	300	-.019	-.004	.015	.038	.059	.116	.185	.272
	315	-.020	-.002	.014	.030	.037	.079	.137	.212
	330	-.021	-.003	.011	.019	.015	.027	.070	.128
	345	-.022	-.002	.009	.010	-.008	-.037	-.007	.034
	Y/S	CP FOR ALPHA, DEG =							
		-4.03	.01	4.02	8.05	11.98	16.02	19.98	23.97
WINDWARD WING	.190								
	.274	-.017	-.004	.014	.044	.078	.143	.218	.314
	.379	-.021	-.007	.010	.042	.073	.137	.211	.305
	.473	-.020	-.004	.015	.041	.078	.141	.215	.306
	.569								
	.664	-.014	-.002	.020	.042	.091	.155	.232	.324
	.759	-.061	-.004	.021	.047	.099	.168	.248	.342
	.806	-.090	-.003	.024	.055	.108	.180	.263	.358
	.854	-.067	-.005	.028	.064	.120	.195	.282	.381
LEEWARD WING	.854	.034	.003	-.061	-.092	-.128	-.176	-.211	-.219
	.860	.028	.001	-.083	-.124	-.163	-.198	-.217	-.218
	.759	.028	.003	-.059	-.111	-.150	-.201	-.204	-.201
	.664	.024	.001	-.010	-.020	-.039	-.133	-.169	-.171
	.569	.020	-.001	-.017	-.022	-.030	-.050	-.097	-.136
	.473	.020	.000	-.015	-.022	-.034	-.048	-.060	-.096
	.379	.019	-.002	-.016	-.024	-.043	-.057	-.066	-.071
	.274	.022	.000	-.013	-.023	-.046	-.060	-.067	-.066
	.190								

Table 3. Continued

(k) $M_\infty = 2.40$; $\phi = 60^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
BODY	0								
	15	-.012	.007	.000	-.049	-.085	-.090	-.082	-.066
	30	-.014	.009	.009	-.015	-.081	-.132	-.141	-.136
	45	-.012	.010	.017	.007	-.049	-.112	-.130	-.137
	60	-.012	.010	.021	.009	-.048	-.113	-.123	-.135
	75	-.006	.012	.023	-.001	-.057	-.087	-.113	-.124
	90								
	105	.020	.001	-.009	-.025	-.035	-.052	-.082	-.098
	120	.013	-.001	-.010	-.018	-.031	-.062	-.083	-.098
	135	.013	.005	-.002	-.017	-.028	-.086	-.096	-.113
	150	.002	.001	-.005	-.031	-.110	-.104	-.110	-.127
	165	-.006	.000	-.009	-.029	-.096	-.092	-.103	-.117
	180	-.008	.001	-.011	-.030	-.067	-.085	-.101	-.111
	195	-.002	.004	-.013	-.035	-.056	-.082	-.097	-.110
	210	.008	.006	-.015	-.049	-.062	-.092	-.105	-.119
	225	.016	.008	-.017	-.063	-.099	-.112	-.101	-.085
	240	.017	.008	-.018	-.050	-.060	-.043	-.013	.022
	255	.022	.011	-.011	-.025	-.018	.008	.045	.078
	270								
	285	-.007	.006	.025	.056	.111	.176	.257	.358
	300	-.006	.005	.021	.047	.099	.159	.236	.331
	315	-.004	.006	.018	.036	.080	.131	.201	.285
	330	-.005	.005	.011	.017	.049	.087	.143	.210
	345	-.007	.006	.005	-.007	.009	.031	.070	.118
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.005	.006	.027	.059	.117	.183	.265	.366
	.350	-.007	.005	.028	.061	.120	.187	.268	.371
	.400	-.016	.004	.031	.066	.128	.195	.279	.383
	.425								
	.450	-.057	-.002	.039	.079	.146	.219	.307	.418
	.450	.029	-.020	-.073	-.084	-.097	-.114	-.133	-.151
	.425	.029	.001	-.076	-.089	-.098	-.102	-.119	-.141
	.400	.024	.000	-.038	-.079	-.101	-.082	-.104	-.132
	.350	.021	-.001	-.010	-.039	-.073	-.048	-.081	-.104
	.300	.019	-.001	-.011	-.021	-.025	-.051	-.083	-.099
	.250								
	.200								
	.150								
	.100								
	.050								
LEEWARD WING									

Table 3. Continued

(k) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
BODY	0	-.014	.006	.016	.001	-.054	-.052	-.031	-.002
	15	-.016	.008	.018	.010	-.035	-.099	-.099	-.084
	30	-.017	.007	.021	.020	-.005	-.065	-.093	-.097
	45	-.015	.007	.022	.024	-.003	-.052	-.085	-.092
	60	-.013	.005	.021	.020	-.007	-.058	-.088	-.091
	75	-.008	.007	.022	.011	-.020	-.062	-.090	-.093
	90								
	105	.016	.002	-.011	-.019	-.042	-.076	-.094	-.103
	120	.015	.004	-.011	-.022	-.046	-.079	-.091	-.092
	135	.014	.005	-.010	-.039	-.063	-.085	-.087	-.096
	150	.012	.005	-.012	-.042	-.070	-.074	-.079	-.092
	165	.012	.007	-.011	-.035	-.060	-.071	-.075	-.087
	180	.007	.004	-.015	-.039	-.064	-.057	-.067	-.085
	195	.008	.004	-.016	-.041	-.060	-.051	-.069	-.082
	210	.010	.003	-.018	-.046	-.063	-.061	-.091	-.094
	225	.009	.000	-.020	-.044	-.058	-.073	-.055	-.021
	240	.010	.000	-.018	-.031	-.037	-.028	.019	.056
	255	.011	-.001	-.016	-.025	-.038	-.048	-.056	-.067
	270								
	285	-.004	.006	.024	.050	.105	.169	.250	.348
	300	-.006	.005	.021	.040	.090	.147	.222	.315
	315	-.008	.006	.021	.027	.067	.113	.178	.260
	330	-.010	.005	.018	.010	.033	.064	.116	.181
	345	-.011	.007	.017	.002	-.009	.008	.044	.090
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
	.075								
	.150								
	.225								
	.300	-.005	.005	.023	.052	.106	.171	.255	.354
	.375	-.005	.006	.025	.053	.107	.171	.252	.351
	.450								
	.524	-.002	.005	.027	.058	.114	.179	.263	.361
	.599								
	.637								
	.674	-.056	.001	.036	.076	.142	.213	.307	.412
LEEWARD WING	.674	.028	-.012	-.068	-.088	-.120	-.157	-.181	-.183
	.637	.025	.000	-.081	-.106	-.132	-.163	-.178	-.181
	.599	.022	.001	-.072	-.106	-.142	-.166	-.168	-.174
	.524	.020	.003	-.005	-.025	-.089	-.120	-.138	-.161
	.450	.017	.002	-.010	-.018	-.029	-.077	-.110	-.147
	.375	.017	.003	-.011	-.018	-.030	-.068	-.088	-.119
	.300	.017	.004	-.009	-.014	-.036	-.073	-.091	-.101
	.225								
	.150								
	.075								

Table 3. Continued

(k) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
BODY	0	-.013	.007	.018	.008	-.034	-.065	-.045	-.019
	15	-.014	.008	.020	.016	.007	-.043	-.089	-.093
	30	-.017	.005	.020	.023	.022	-.019	-.062	-.068
	45	-.012	.007	.022	.028	.027	-.017	-.055	-.061
	60	-.010	.007	.022	.025	.020	-.035	-.066	-.069
	75	-.005	.009	.025	.021	.017	-.022	-.059	-.065
	90								
	105	.025	.007	-.008	-.021	-.049	-.056	-.070	-.075
	120	.020	.005	-.010	-.026	-.056	-.060	-.073	-.085
	135	.016	.005	-.012	-.044	-.062	-.058	-.072	-.093
	150	.013	.005	-.014	-.038	-.052	-.057	-.073	-.093
	165	.010	.004	-.015	-.036	-.050	-.062	-.076	-.094
	180	.009	.003	-.017	-.037	-.053	-.063	-.079	-.096
	195	.012	.004	-.018	-.042	-.060	-.069	-.092	-.101
	210	.016	.006	-.015	-.043	-.067	-.072	-.092	-.075
	225	.014	.003	-.018	-.039	-.050	-.037	-.018	.019
	240	.012	.002	-.016	-.026	-.025	-.010	-.018	-.038
	255	.014	.003	-.012	-.018	-.035	-.074	-.085	-.088
	270								
	285	-.003	.010	.029	.050	.094	.155	.237	.336
	300	-.006	.008	.026	.042	.078	.133	.207	.300
	315	-.007	.009	.025	.035	.053	.101	.164	.242
	330	-.009	.008	.021	.023	.017	.052	.101	.163
	345	-.010	.008	.019	.013	-.023	-.005	.028	.072
	Y/S	CP FOR ALPHA, DEG =							
		-3.98	-.03	3.99	7.99	12.02	16.00	19.96	23.97
WINDWARD WING	.190								
	.274	-.002	.010	.028	.050	.096	.156	.239	.338
	.379	-.005	.007	.026	.046	.093	.152	.234	.331
	.473	-.004	.009	.028	.049	.097	.155	.237	.334
	.569								
	.664	.000	.009	.031	.057	.111	.171	.256	.353
	.759	-.036	.007	.032	.063	.122	.186	.272	.374
	.806	-.056	.008	.036	.070	.132	.198	.285	.390
	.854	-.045	.007	.040	.079	.143	.214	.304	.413
LEEWARD WING	.854	.033	-.003	-.062	-.080	-.120	-.154	-.180	-.178
	.806	.028	.001	-.078	-.105	-.142	-.168	-.183	-.176
	.759	.028	.005	-.074	-.100	-.143	-.168	-.171	-.162
	.664	.026	.006	-.003	-.020	-.048	-.130	-.140	-.140
	.569	.023	.005	-.010	-.019	-.032	-.058	-.101	-.118
	.473	.024	.006	-.009	-.019	-.035	-.047	-.071	-.095
	.379	.023	.004	-.011	-.020	-.043	-.054	-.068	-.079
	.274	.024	.006	-.008	-.020	-.044	-.052	-.066	-.070
	.190								

Table 3. Continued

(1) $M_\infty = 2.86$; $\phi = 60^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
BODY	0								
	15	-.007	.008	.001	-.040	-.054	-.052	-.043	-.028
	30	-.009	.011	.010	-.022	-.060	-.089	-.088	-.083
	45	-.010	.012	.017	.001	-.043	-.079	-.092	-.094
	60	-.010	.011	.019	.004	-.044	-.082	-.091	-.095
	75	-.005	.013	.022	-.003	-.048	-.074	-.084	-.090
	90								
	105	.029	.006	-.002	-.020	-.026	-.041	-.066	-.076
	120	.024	.005	-.002	-.012	-.021	-.049	-.065	-.072
	135	.022	.009	.003	-.011	-.023	-.064	-.072	-.081
	150	.010	.005	-.001	-.023	-.070	-.076	-.084	-.091
	165	.000	.004	-.004	-.023	-.068	-.075	-.084	-.091
	180	-.005	.006	-.005	-.025	-.050	-.072	-.080	-.087
	195	-.001	.009	-.006	-.030	-.049	-.070	-.077	-.084
	210	.009	.010	-.010	-.048	-.061	-.075	-.085	-.095
	225	.018	.013	-.009	-.054	-.071	-.070	-.058	-.045
	240	.019	.012	-.008	-.033	-.031	-.017	.008	.038
	255	.022	.014	-.002	-.013	-.002	.023	.058	.095
	270								
	285	-.001	.006	.024	.061	.111	.176	.254	.342
	300	-.001	.006	.020	.052	.098	.160	.233	.318
	315	.003	.010	.019	.044	.083	.138	.202	.280
	330	.001	.008	.012	.027	.054	.097	.149	.212
	345	-.001	.009	.006	.006	.020	.050	.086	.132
Y/S		CP FOR ALPHA, DEG =							
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	.001	.008	.027	.064	.116	.182	.262	.351
	.350	.000	.008	.027	.067	.118	.185	.267	.356
	.400	-.016	.005	.029	.070	.124	.194	.278	.371
	.425								
	.450	-.038	.002	.038	.083	.142	.217	.306	.406
LEEWARD WING	.450	.038	.000	-.048	-.063	-.073	-.096	-.108	-.116
	.425	.036	.005	-.046	-.062	-.071	-.087	-.098	-.108
	.400	.031	.002	-.016	-.065	-.077	-.074	-.092	-.105
	.350	.030	.004	-.005	-.033	-.055	-.041	-.069	-.087
	.300	.027	.004	-.004	-.018	-.020	-.042	-.068	-.081
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(1) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
BODY	0	.001	.013	.016	-.006	-.027	-.013	.008	.034
	15	-.001	.015	.019	.009	-.039	-.059	-.051	-.037
	30	-.006	.012	.020	.017	-.013	-.053	-.064	-.065
	45	-.007	.012	.021	.021	-.007	-.045	-.060	-.058
	60	-.007	.009	.020	.013	-.010	-.047	-.061	-.060
	75	-.002	.011	.023	.012	-.013	-.048	-.060	-.059
	90								
	105	.024	.006	-.003	-.010	-.033	-.061	-.075	-.088
	120	.023	.011	.000	-.011	-.033	-.060	-.073	-.079
	135	.020	.011	-.001	-.028	-.049	-.070	-.075	-.082
	150	.017	.010	-.002	-.033	-.052	-.063	-.070	-.080
	165	.017	.012	-.002	-.025	-.045	-.057	-.063	-.072
	180	.013	.010	-.006	-.030	-.046	-.048	-.063	-.073
	195	.019	.013	-.006	-.030	-.043	-.045	-.063	-.071
	210	.020	.011	-.009	-.035	-.052	-.057	-.076	-.068
	225	.020	.008	-.011	-.037	-.055	-.052	-.029	.001
	240	.021	.009	-.007	-.027	-.024	-.001	.036	.078
	255	.023	.009	-.006	-.020	-.011	-.007	-.011	-.014
	270								
	285	.009	.015	.030	.063	.112	.181	.261	.351
	300	.006	.014	.025	.052	.095	.159	.232	.317
	315	.006	.016	.023	.040	.076	.130	.193	.266
	330	.003	.014	.018	.021	.046	.087	.136	.196
	345	.002	.013	.017	.001	.011	.038	.072	.114
WINDWARD WING	Y/S								
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
	.075								
	.150								
	.225								
	.300	.007	.015	.028	.063	.112	.182	.262	.354
	.375	.007	.017	.030	.065	.113	.181	.260	.352
	.450								
	.524	.011	.020	.033	.072	.122	.192	.272	.366
	.599								
	.637								
	.674	-.037	.005	.044	.089	.148	.227	.317	.421
	.674	.039	-.007	-.047	-.067	-.090	-.117	-.129	-.132
	.637	.037	.006	-.046	-.075	-.094	-.119	-.126	-.130
	.599	.035	.009	-.034	-.081	-.100	-.122	-.122	-.126
	.524	.031	.010	.005	-.028	-.084	-.100	-.106	-.113
	.450	.025	.007	-.002	-.010	-.023	-.063	-.095	-.109
	.375	.026	.008	-.002	-.008	-.021	-.053	-.073	-.095
	.300	.026	.010	.001	-.004	-.026	-.055	-.070	-.083
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(1) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
BODY	0	.000	.020	.024	.011	-.032	-.022	-.004	.023
	15	.000	.020	.025	.021	-.003	-.041	-.054	-.043
	30	-.004	.015	.022	.026	.013	-.026	-.039	-.037
	45	-.001	.016	.025	.031	.019	-.017	-.035	-.034
	60	.000	.013	.024	.028	.010	-.028	-.039	-.038
	75	.003	.013	.025	.026	.012	-.025	-.038	-.039
	90								
	105	.029	.011	.001	-.011	-.034	-.049	-.060	-.072
	120	.025	.010	-.001	-.017	-.044	-.056	-.068	-.082
	135	.024	.011	-.002	-.033	-.049	-.054	-.065	-.084
	150	.020	.010	-.004	-.029	-.042	-.052	-.068	-.086
	165	.019	.011	-.004	-.025	-.042	-.052	-.067	-.085
	180	.018	.010	-.006	-.027	-.044	-.053	-.069	-.087
	195	.022	.012	-.007	-.030	-.047	-.055	-.071	-.091
	210	.027	.016	-.004	-.030	-.055	-.064	-.060	-.039
	225	.025	.013	-.005	-.025	-.037	-.028	.004	.041
	240	.021	.011	-.004	-.012	-.011	.009	.022	.016
	255	.025	.013	.003	-.007	-.018	-.037	-.037	-.034
	270								
	285	.008	.023	.043	.070	.112	.180	.258	.352
	300	.004	.021	.038	.057	.095	.159	.229	.315
	315	.003	.022	.036	.044	.073	.127	.186	.262
	330	.002	.022	.032	.028	.042	.082	.128	.189
	345	.004	.023	.029	.019	.008	.032	.063	.106
Y/S		CP FOR ALPHA, DEG =							
		-4.00	.01	4.02	7.99	12.01	16.02	20.01	24.02
WINDWARD WING	.190								
	.274	.009	.027	.045	.070	.113	.182	.262	.355
	.379	.003	.020	.039	.065	.111	.177	.254	.347
	.473	.008	.025	.040	.070	.117	.183	.259	.349
	.569								
	.664	.011	.021	.041	.078	.131	.197	.278	.368
	.759	-.030	.019	.042	.083	.140	.216	.294	.389
	.806	-.033	.020	.046	.089	.150	.229	.308	.407
	.854	-.029	.011	.051	.097	.162	.245	.329	.431
LEEWARD WING	.854	.043	.002	-.037	-.061	-.088	-.113	-.130	-.128
	.806	.037	.012	-.042	-.078	-.101	-.122	-.133	-.130
	.759	.035	.013	-.031	-.081	-.105	-.120	-.123	-.118
	.664	.029	.011	.005	-.014	-.052	-.109	-.106	-.106
	.569	.025	.009	-.001	-.008	-.020	-.060	-.086	-.090
	.473	.029	.012	.002	-.007	-.023	-.038	-.066	-.076
	.379	.028	.010	.000	-.010	-.031	-.046	-.057	-.075
	.274	.032	.016	.004	-.007	-.031	-.045	-.056	-.069
	.190								

Table 3. Continued

(m) $M_\infty = 1.70$; $\phi = 90^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
BODY	0								
	15	-.016	.002	-.002	-.022	-.035	-.050	-.110	-.159
	30	-.014	.001	.000	-.012	-.030	-.066	-.105	-.159
	45	-.006	.004	.005	-.007	-.038	-.086	-.097	-.141
	60	.001	.005	.006	-.013	-.077	-.161	-.096	-.136
	75	.011	.009	.010	.000	-.036	-.066	-.124	-.146
	90								
	105	-.001	-.002	.003	-.002	-.022	-.061	-.127	-.133
	120	-.008	-.005	-.004	-.022	-.096	-.174	-.112	-.154
	135	-.004	.005	.004	-.009	-.039	-.086	-.099	-.152
	150	-.014	.000	-.002	-.015	-.034	-.087	-.109	-.167
	165	-.022	-.007	-.013	-.032	-.047	-.078	-.123	-.178
	180	-.013	-.003	-.013	-.046	-.078	-.069	-.142	-.190
	195	-.006	.000	-.013	-.053	-.105	-.099	-.238	-.256
	210	.003	.005	-.009	-.044	-.091	-.159	-.161	-.142
	225	.006	.006	-.006	-.027	-.062	-.087	-.065	-.032
	240	.005	.003	-.003	-.009	-.021	-.001	.043	.100
	255	.008	.003	.002	.005	.010	.051	.117	.186
	270								
	285	.007	-.001	-.001	.006	.015	.058	.122	.201
	300	.003	-.002	-.004	-.003	-.012	.012	.064	.129
	315	-.002	-.003	-.008	-.021	-.052	-.063	-.029	.015
	330	-.003	-.001	-.008	-.037	-.081	-.142	-.133	-.109
	345	-.008	-.002	-.011	-.046	-.096	-.089	-.234	-.233
Y/S		CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	.009	-.002	-.002	.005	.015	.059	.125	.201
	.350	.010	-.003	-.003	.002	.011	.054	.121	.195
	.400	.007	-.005	-.005	-.003	.003	.043	.107	.177
	.425								
	.450	.007	-.001	-.002	-.002	.004	.043	.105	.171
LEEWARD WING	.450	-.003	-.004	.004	.013	.010	-.006	-.170	-.244
	.425	-.002	-.001	.005	.013	.008	-.011	-.175	-.240
	.400	.001	.002	.007	.015	.007	-.020	-.170	-.237
	.350	-.002	-.003	.003	.009	-.007	-.042	-.149	-.241
	.300	-.005	-.005	.001	.004	-.013	-.047	-.138	-.140
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(m) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
BODY	0	-.020	-.001	-.005	-.026	-.066	-.094	-.097	-.113
	15	-.020	.000	-.003	-.012	-.035	-.051	-.079	-.103
	30	-.013	.003	.001	-.003	-.025	-.040	-.078	-.104
	45	-.008	.002	.001	-.005	-.024	-.037	-.088	-.111
	60	-.003	.005	.004	-.014	-.026	-.039	-.092	-.114
	75	.000	.002	.003	-.006	-.034	-.052	-.091	-.127
	90								
	105	.001	.001	.000	-.012	-.042	-.064	-.115	-.218
	120	-.009	-.006	-.009	-.035	-.049	-.060	-.110	-.166
	135	-.009	-.003	-.006	-.019	-.037	-.049	-.105	-.143
	150	-.009	.001	-.004	-.016	-.035	-.053	-.094	-.136
	165	-.018	-.005	-.011	-.027	-.045	-.063	-.092	-.134
	180	-.017	-.002	-.009	-.035	-.069	-.089	-.096	-.136
	195	-.018	-.006	-.013	-.043	-.089	-.152	-.189	-.224
	210	-.013	-.004	-.010	-.034	-.073	-.116	-.172	-.155
	225	-.013	-.006	-.010	-.024	-.044	-.052	-.065	-.031
	240	-.009	-.004	-.005	-.007	-.001	.015	.043	.093
	255	-.009	-.007	-.006	.003	.026	.058	.111	.169
	270								
	285	-.006	-.006	-.002	.013	.042	.066	.109	.186
	300	-.006	-.002	.000	.007	.020	.037	.063	.127
	315	-.009	-.002	-.002	-.009	-.022	-.027	-.035	.011
	330	-.012	-.002	-.005	-.020	-.058	-.097	-.148	-.121
	345	-.013	.003	-.002	-.025	-.074	-.136	-.201	-.204
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
	.075								
	.150								
	.225								
	.300	.000	-.002	.000	.015	.041	.063	.106	.182
	.375	.004	.001	.005	.017	.042	.066	.108	.182
	.450								
	.524	-.001	.000	.003	.012	.028	.036	.088	.157
	.599								
	.637								
	.674	-.002	-.002	-.002	.004	.012	.024	.071	.129
	.674	-.005	-.005	-.003	.003	.011	.011	-.062	-.241
	.637	.001	-.001	.001	.006	.012	.006	-.102	-.263
	.599	-.001	-.002	.000	.005	.010	-.009	-.151	-.275
	.524	-.006	-.004	-.003	-.001	.002	-.057	-.211	-.231
	.450	.000	.002	.002	.003	-.011	-.089	-.149	-.206
	.375	-.001	.002	.002	-.002	-.040	-.084	-.133	-.213
	.300	-.006	-.004	-.004	-.013	-.043	-.075	-.134	-.219
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(m) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
BODY	0	-.014	.002	-.004	-.027	-.050	-.083	-.086	-.100
	15	-.009	.007	.003	-.011	-.023	-.042	-.056	-.089
	30	-.008	.001	-.001	-.011	-.023	-.042	-.060	-.095
	45	.001	.002	.000	-.009	-.020	-.040	-.070	-.100
	60	.007	.006	.001	-.013	-.019	-.038	-.074	-.102
	75	.007	.009	.002	-.009	-.025	-.038	-.073	-.105
	90								
	105	.010	.007	.001	-.011	-.018	-.048	-.110	-.152
	120	.003	.002	-.004	-.023	-.025	-.048	-.081	-.162
	135	-.001	.000	-.005	-.017	-.025	-.048	-.072	-.118
	150	-.008	-.001	-.005	-.016	-.025	-.045	-.068	-.114
	165	-.015	-.005	-.011	-.022	-.032	-.050	-.074	-.116
	180	-.012	-.001	-.009	-.029	-.049	-.073	-.090	-.116
	195	-.010	-.001	-.010	-.035	-.065	-.126	-.190	-.197
	210	-.013	-.005	-.013	-.034	-.057	-.107	-.142	-.150
	225	-.010	-.002	-.007	-.019	-.027	-.043	-.046	-.011
	240	-.008	-.003	-.004	-.003	.007	.018	.046	.109
	255	-.012	-.011	-.010	-.002	.021	.043	.080	.149
	270								
	285	.003	.006	.012	.017	.033	.059	.104	.173
	300	-.006	.000	.003	.003	.012	.029	.064	.128
	315	.003	.008	.008	.000	-.015	-.018	-.019	.019
	330	-.006	.001	-.002	-.020	-.052	-.086	-.120	-.123
	345	-.011	.000	-.006	-.032	-.064	-.119	-.170	-.198
	Y/S	CP FOR ALPHA, DEG =							
		-4.24	-.22	3.74	7.73	11.70	15.72	19.77	23.71
WINDWARD WING	.190								
	.274	.002	.006	.011	.014	.029	.054	.099	.167
	.379	.010	.006	.014	.016	.031	.055	.098	.166
	.473	.006	.002	.011	.012	.026	.048	.085	.152
	.569								
	.664	.004	.004	.011	.010	.020	.039	.062	.125
	.759	.004	.005	.012	.009	.019	.036	.056	.114
	.806	.002	.004	.010	.007	.016	.033	.056	.112
LEEWARD WING	.854	.000	.001	.007	.006	.014	.034	.059	.113
	.854	-.004	-.004	.001	.002	.015	.017	.012	-.128
	.806	.007	.005	.009	.009	.023	.021	-.008	-.164
	.759	.003	.001	.005	.004	.020	.011	-.053	-.205
	.664	.005	.002	.006	.005	.020	-.023	-.155	-.254
	.569	.006	.003	.005	.007	.013	-.087	-.181	-.194
	.473	.001	-.002	-.002	-.001	-.026	-.108	-.128	-.166
	.379	.001	-.001	-.004	-.012	-.043	-.066	-.125	-.156
	.274	.003	.002	-.004	-.014	-.025	-.056	-.107	-.150
	.190								

Table 3. Continued

(n) $M_\infty = 2.16$; $\phi = 90^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =								
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00	
BODY	0									
	15	-.016	.001	-.005	-.025	-.045	-.081	-.101	-.114	
	30	-.011	.004	.000	-.014	-.048	-.076	-.105	-.112	
	45	-.006	.005	.004	-.012	-.075	-.079	-.100	-.113	
	60	-.002	.005	.004	-.020	-.127	-.081	-.105	-.121	
	75	.005	.007	.007	-.005	-.029	-.099	-.118	-.133	
	90									
	105	-.001	-.001	.001	-.006	-.020	-.089	-.102	-.114	
	120	-.008	-.004	-.002	-.026	-.124	-.102	-.111	-.120	
	135	-.010	.001	.000	-.015	-.081	-.085	-.106	-.111	
	150	-.018	-.001	-.005	-.019	-.052	-.083	-.110	-.117	
	165	-.021	-.004	-.011	-.031	-.051	-.088	-.111	-.124	
	180	-.016	-.002	-.013	-.049	-.066	-.101	-.123	-.131	
	195	-.008	.000	-.013	-.057	-.121	-.138	-.134	-.123	
	210	-.001	.002	-.011	-.049	-.083	-.081	-.060	-.034	
	225	.003	.004	-.006	-.032	-.038	-.024	.014	.053	
	240	.001	.003	-.003	-.008	.008	.042	.098	.158	
	255	.006	.006	.004	.012	.041	.090	.158	.228	
	270									
	285	.000	.000	-.003	.006	.038	.084	.150	.225	
	300	-.002	-.001	-.006	-.007	.012	.045	.100	.163	
	315	-.003	.001	-.008	-.024	-.028	-.006	.029	.075	
	330	-.007	.000	-.012	-.043	-.076	-.071	-.052	-.022	
	345	-.011	.001	-.012	-.052	-.115	-.133	-.129	-.115	
Y/S		CP FOR ALPHA, DEG =								
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00	
WINDWARD WING	.050									
	.100									
	.150									
	.200									
	.250									
	.300	.003	.000	-.003	.008	.041	.087	.153	.225	
	.350	.003	-.001	-.004	.006	.038	.082	.147	.220	
	.400	.000	-.003	-.005	.003	.035	.075	.137	.208	
	.425									
	.450	.003	.000	-.020	-.025	-.007	.017	.079	.158	
	LEEWARD WING	.450	-.021	-.012	-.002	.005	.009	-.062	-.175	-.174
		.425	.002	-.001	.003	.009	.009	-.076	-.165	-.170
.400		-.004	-.004	.001	.007	.002	-.089	-.165	-.173	
.350		-.003	-.004	.001	.005	-.006	-.092	-.168	-.179	
.300		-.004	-.004	.000	.001	-.010	-.086	-.140	-.130	
.250										
.200										
.150										
.100										
.050										

Table 3. Continued
(n) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00
BODY	0	-.014	.001	-.005	-.024	-.045	-.057	-.077	-.100
	15	-.013	.002	-.003	-.012	-.037	-.050	-.069	-.086
	30	-.010	.002	-.003	-.011	-.039	-.054	-.067	-.084
	45	-.005	.002	-.003	-.014	-.027	-.062	-.077	-.089
	60	.000	.001	-.003	-.029	-.047	-.063	-.082	-.091
	75	.006	.003	.002	-.009	-.038	-.061	-.091	-.098
	90								
	105	.001	-.002	.000	-.014	-.039	-.078	-.161	-.164
	120	.001	.001	.000	-.029	-.048	-.070	-.110	-.109
	135	-.004	.002	-.002	-.014	-.031	-.067	-.095	-.103
	150	-.008	.002	-.004	-.014	-.041	-.065	-.092	-.102
	165	-.010	.002	-.005	-.017	-.039	-.064	-.089	-.099
	180	-.012	.000	-.009	-.032	-.049	-.074	-.103	-.113
	195	-.008	.001	-.009	-.039	-.063	-.125	-.139	-.128
	210	-.007	.000	-.009	-.034	-.073	-.087	-.070	-.042
	225	-.009	-.004	-.009	-.027	-.048	-.026	.007	.052
	240	-.006	-.003	-.005	-.009	-.003	.037	.085	.147
	255	-.003	-.004	-.003	.003	.025	.076	.135	.208
	270								
	285	.003	.005	.007	.012	.037	.082	.142	.211
	300	-.001	.004	.004	.001	.010	.048	.102	.163
	315	-.001	.005	.000	-.012	-.031	-.009	.028	.071
	330	-.005	.003	-.005	-.023	-.049	-.078	-.057	-.031
	345	-.009	.001	-.007	-.029	-.055	-.111	-.126	-.122
WINDWARD WING	Y/S								
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00
	.075								
	.150								
	.225								
	.300	.003	.004	.004	.010	.034	.078	.136	.204
	.375	.006	.006	.007	.010	.032	.080	.138	.204
	.450								
	.524	.008	.005	.004	.004	.024	.067	.120	.185
	.599								
	.637								
	.674	.004	.003	.000	-.041	-.043	-.017	.053	.122
	.674	-.016	-.003	.000	.003	.012	.012	-.102	-.179
	.637	-.003	-.002	.003	.005	.013	.001	-.132	-.182
	.599	-.004	-.002	.004	.005	.013	-.022	-.159	-.180
	.524	.000	.002	.006	.007	.008	-.086	-.151	-.165
	.450	-.001	-.001	.004	.003	-.012	-.137	-.143	-.155
	.375	.002	-.001	.004	-.003	-.033	-.095	-.134	-.156
	.300	.003	.000	.004	-.006	-.030	-.085	-.142	-.158
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued
(n) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00
BODY	0	-.011	.001	-.006	-.025	-.046	-.052	-.067	-.082
	15	-.012	.002	-.003	-.014	-.028	-.043	-.061	-.066
	30	-.013	-.003	-.005	-.014	-.027	-.047	-.063	-.076
	45	-.005	.000	-.001	-.011	-.024	-.050	-.066	-.073
	60	.001	.001	.000	-.018	-.028	-.053	-.069	-.064
	75	.007	.003	.002	-.011	-.031	-.063	-.089	-.088
	90								
	105	.007	.002	.002	-.010	-.033	-.078	-.119	-.149
	120	.002	.002	-.002	-.021	-.032	-.063	-.129	-.126
	135	-.002	.001	-.004	-.013	-.026	-.060	-.091	-.107
	150	-.008	.000	-.005	-.012	-.026	-.056	-.084	-.102
	165	-.012	-.001	-.007	-.015	-.029	-.056	-.085	-.101
	180	-.013	-.001	-.011	-.026	-.041	-.064	-.093	-.113
	195	-.008	-.001	-.011	-.035	-.070	-.109	-.136	-.133
	210	-.005	.001	-.008	-.030	-.055	-.090	-.070	-.039
	225	-.005	-.001	-.005	-.018	-.023	-.024	.011	.063
	240	-.006	-.001	-.003	-.003	.010	.035	.085	.152
	255	-.002	-.001	.001	.010	.025	.068	.123	.195
	270								
	285	.000	.002	.006	.014	.033	.068	.124	.195
	300	-.004	.001	.001	.005	.017	.042	.094	.165
	315	-.004	.001	-.002	-.008	-.015	-.019	.020	.072
	330	-.005	.001	-.005	-.022	-.053	-.086	-.063	-.032
	345	-.007	.003	-.005	-.029	-.071	-.097	-.116	-.121
	Y/S	CP FOR ALPHA, DEG =							
		-4.02	.06	4.06	8.01	12.01	16.03	19.97	24.00
WINDWARD WING	.190								
	.274	.000	.002	.005	.012	.030	.066	.121	.191
	.379	.001	-.001	.002	.008	.023	.060	.115	.185
	.473	.005	.005	.005	.009	.019	.059	.115	.182
	.569								
	.664	.004	.003	.003	.004	.012	.046	.095	.154
	.759	.003	.002	.001	.000	.011	.044	.089	.139
	.806	.004	.004	.003	.002	.009	.046	.089	.142
	.854	.005	.004	.002	-.008	-.020	.049	.088	.125
LEEWARD WING	.854	-.006	-.002	.006	.011	.019	.029	.001	-.169
	.806	-.007	-.004	.005	.009	.016	.022	-.047	-.176
	.759	-.003	-.002	.007	.012	.017	.014	-.093	-.169
	.664	-.002	-.002	.006	.012	.012	-.035	-.161	-.173
	.569	-.002	-.004	.005	.009	-.005	-.111	-.173	-.174
	.473	.003	.000	.007	.007	-.037	-.121	-.123	-.150
	.379	.003	-.002	.004	-.007	-.048	-.089	-.113	-.144
	.274	.007	.002	.003	-.007	-.035	-.081	-.113	-.140
	.190								

Table 3. Continued

(o) $M_\infty = 2.40$; $\phi = 90^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
BODY	0								
	15	-.008	.006	-.004	-.024	-.044	-.076	-.094	-.107
	30	-.003	.009	.003	-.014	-.044	-.078	-.094	-.106
	45	.002	.010	.007	-.012	-.081	-.085	-.096	-.109
	60	.007	.009	.009	-.020	-.104	-.088	-.101	-.119
	75	.013	.012	.013	-.005	-.033	-.101	-.108	-.127
	90								
	105	.002	.002	.007	-.003	-.020	-.087	-.103	-.117
	120	-.004	.000	.003	-.022	-.104	-.095	-.106	-.120
	135	-.004	.005	.006	-.011	-.084	-.087	-.101	-.113
	150	-.012	.002	.000	-.016	-.053	-.087	-.103	-.115
	165	-.015	.000	-.007	-.026	-.052	-.090	-.106	-.118
	180	-.011	.001	-.010	-.045	-.065	-.100	-.112	-.127
	195	-.003	.005	-.010	-.058	-.100	-.107	-.097	-.086
	210	.003	.006	-.008	-.045	-.060	-.051	-.028	-.004
	225	.007	.009	-.003	-.024	-.020	.002	.037	.077
	240	.007	.007	.001	.000	.023	.066	.121	.180
	255	.013	.012	.012	.025	.056	.110	.176	.254
	270								
	285	.006	.006	.006	.019	.055	.108	.175	.249
	300	.004	.005	.002	.005	.032	.073	.127	.188
	315	.003	.006	-.001	-.015	-.003	.022	.060	.103
	330	-.001	.005	-.007	-.040	-.047	-.037	-.017	.009
	345	-.005	.005	-.008	-.058	-.090	-.096	-.089	-.076
Y/S		CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	.008	.006	.006	.021	.058	.112	.177	.251
	.350	.009	.006	.006	.020	.056	.107	.171	.243
	.400	.007	.005	.004	.019	.054	.104	.163	.231
	.425								
	.450	.008	.001	-.005	.003	.028	.067	.106	.162
LEEWARD WING	.450	-.025	-.017	.000	.009	.006	-.075	-.157	-.160
	.425	-.010	.001	.008	.013	.007	-.093	-.149	-.154
	.400	-.001	.001	.007	.011	.000	-.106	-.152	-.156
	.350	.000	.000	.007	.008	-.009	-.101	-.155	-.145
	.300	-.001	-.001	.006	.004	-.013	-.097	-.136	-.134
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(o) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
BODY	0	-.004	.010	.002	-.020	-.044	-.064	-.081	-.095
	15	-.004	.011	.005	-.009	-.036	-.054	-.072	-.088
	30	-.003	.010	.006	-.008	-.038	-.054	-.070	-.088
	45	.001	.010	.007	-.011	-.033	-.065	-.077	-.092
	60	.004	.007	.006	-.026	-.040	-.066	-.077	-.093
	75	.009	.010	.009	-.006	-.037	-.073	-.093	-.096
	90								
	105	.003	.004	.004	-.009	-.044	-.090	-.146	-.132
	120	.002	.007	.005	-.027	-.049	-.079	-.096	-.112
	135	-.001	.007	.004	-.013	-.037	-.075	-.094	-.106
	150	-.004	.007	.002	-.012	-.041	-.072	-.095	-.105
	165	-.002	.009	.002	-.012	-.039	-.070	-.091	-.104
	180	-.006	.005	-.004	-.028	-.050	-.082	-.102	-.112
	195	-.003	.006	-.004	-.036	-.080	-.110	-.102	-.088
	210	-.002	.005	-.005	-.034	-.072	-.063	-.038	-.009
	225	-.004	.000	-.006	-.025	-.031	-.006	.034	.083
	240	-.001	.001	-.002	-.006	.011	.054	.106	.175
	255	.001	.000	.001	.007	.039	.091	.151	.234
	270								
	285	.010	.010	.011	.018	.055	.105	.170	.245
	300	.006	.010	.007	.005	.029	.069	.126	.191
	315	.006	.010	.004	-.010	-.010	.015	.057	.105
	330	.003	.009	.001	-.024	-.056	-.047	-.022	.008
	345	.000	.010	.000	-.027	-.071	-.097	-.094	-.078
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
	.075								
	.150								
	.225								
	.300	.010	.009	.008	.017	.053	.103	.165	.237
	.375	.013	.010	.011	.018	.052	.101	.162	.234
	.450								
	.524	.012	.011	.009	.015	.044	.086	.143	.208
	.599								
	.637								
	.674	.009	.007	-.005	-.016	.008	.043	.084	.133
LEEWARD WING	.674	-.038	-.009	.004	.008	.011	.007	-.116	-.141
	.637	-.004	.000	.007	.012	.012	-.009	-.137	-.148
	.599	.000	.002	.007	.011	.009	-.035	-.148	-.153
	.524	.003	.005	.009	.013	.000	-.093	-.138	-.152
	.450	.001	.004	.007	.010	-.022	-.129	-.132	-.145
	.375	.003	.005	.007	.003	-.042	-.096	-.131	-.133
	.300	.004	.006	.008	.000	-.037	-.092	-.133	-.131
	.225								
	.150								
	.075								

Table 3. Continued

(o) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
BODY	0	-.002	.009	.000	-.022	-.046	-.062	-.073	-.091
	15	-.002	.010	.003	-.010	-.028	-.051	-.061	-.083
	30	-.004	.007	.002	-.011	-.028	-.050	-.065	-.086
	45	.003	.009	.005	-.009	-.023	-.053	-.066	-.085
	60	.008	.009	.006	-.018	-.026	-.055	-.064	-.083
	75	.013	.011	.009	-.010	-.030	-.078	-.073	-.084
	90								
	105	.009	.006	.005	-.010	-.040	-.081	-.123	-.118
	120	.005	.005	.002	-.023	-.038	-.066	-.109	-.110
	135	-.001	.005	.001	-.014	-.033	-.062	-.092	-.105
	150	-.005	.004	.000	-.014	-.032	-.059	-.088	-.099
	165	-.006	.004	-.002	-.015	-.033	-.058	-.088	-.099
	180	-.006	.003	-.006	-.025	-.042	-.064	-.095	-.104
	195	-.003	.004	-.007	-.034	-.073	-.096	-.107	-.092
	210	.000	.006	-.003	-.028	-.069	-.061	-.037	-.006
	225	-.002	.003	-.003	-.015	-.033	-.002	.038	.088
	240	-.003	.001	.000	.002	.008	.054	.109	.179
	255	.000	.002	.004	.013	.033	.084	.146	.223
	270								
	285	.008	.011	.013	.019	.042	.093	.155	.224
	300	.005	.010	.009	.009	.021	.067	.126	.192
	315	.005	.010	.006	-.006	-.015	.013	.056	.104
	330	.004	.010	.002	-.022	-.050	-.049	-.024	.006
	345	.002	.010	.000	-.029	-.067	-.096	-.092	-.078
	Y/S	CP FOR ALPHA, DEG =							
		-3.96	.01	4.00	8.04	12.04	16.04	20.01	23.97
WINDWARD WING	.190								
	.274	.009	.012	.013	.018	.040	.092	.152	.220
	.379	.009	.009	.011	.014	.037	.088	.148	.214
	.473	.013	.012	.012	.014	.037	.085	.145	.211
	.569								
	.664	.013	.013	.011	.010	.034	.076	.127	.186
	.759	.011	.011	.010	.009	.034	.073	.121	.172
	.806	.011	.013	.012	.008	.033	.073	.119	.169
	.854	.012	.013	.010	-.015	.021	.058	.098	.136
LEEWARD WING	.854	-.023	-.002	.005	.009	.015	.027	-.051	-.140
	.806	-.002	.001	.005	.010	.015	.020	-.087	-.143
	.759	.003	.005	.008	.012	.016	.009	-.106	-.138
	.664	.003	.007	.008	.011	.009	-.048	-.135	-.145
	.569	.003	.005	.006	.009	-.013	-.113	-.141	-.151
	.473	.006	.006	.007	.007	-.046	-.117	-.121	-.136
	.379	.005	.005	.006	-.006	-.051	-.091	-.117	-.126
	.274	.008	.007	.006	-.006	-.038	-.080	-.119	-.116
	.190								

Table 3. Continued

(p) $M_\infty = 2.86$; $\phi = 90^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =								
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99	
BODY	0									
	15	-.006	.008	.000	-.023	-.042	-.063	-.072	-.080	
	30	-.001	.010	.006	-.013	-.040	-.062	-.071	-.079	
	45	.005	.011	.010	-.010	-.061	-.067	-.074	-.082	
	60	.009	.010	.010	-.015	-.068	-.074	-.085	-.091	
	75	.017	.013	.013	-.002	-.030	-.078	-.087	-.094	
	90									
	105	.011	.005	.008	-.002	-.023	-.070	-.077	-.087	
	120	.004	.003	.005	-.017	-.065	-.071	-.082	-.090	
	135	.002	.008	.007	-.011	-.058	-.067	-.076	-.083	
	150	-.007	.005	.001	-.017	-.045	-.070	-.077	-.085	
	165	-.011	.004	-.003	-.027	-.049	-.071	-.079	-.089	
	180	-.009	.005	-.006	-.049	-.061	-.077	-.089	-.093	
	195	.000	.009	-.004	-.047	-.064	-.063	-.053	-.041	
	210	.007	.010	.000	-.027	-.030	-.018	.003	.026	
	225	.011	.012	.005	-.005	.003	.025	.058	.094	
	240	.013	.011	.010	.016	.039	.077	.130	.186	
	255	.017	.013	.016	.033	.066	.114	.174	.243	
	270									
	285	.013	.009	.009	.027	.062	.109	.171	.243	
	300	.009	.008	.006	.015	.042	.079	.131	.192	
	315	.007	.009	.004	-.001	.014	.039	.075	.120	
	330	.003	.009	-.001	-.024	-.022	-.011	.010	.038	
	345	-.001	.008	-.003	-.045	-.058	-.057	-.048	-.034	
Y/S		CP FOR ALPHA, DEG =								
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99	
WINDWARD WING	.050									
	.100									
	.150									
	.200									
	.250									
	.300	.015	.009	.010	.029	.065	.113	.175	.248	
	.350	.016	.009	.011	.031	.064	.109	.170	.239	
	.400	.014	.006	.006	.019	.051	.098	.168	.236	
	.425									
	.450	.015	.005	.000	.012	.039	.073	.116	.167	
	LEEWARD WING	.450	-.004	-.005	.003	.010	.004	-.060	-.117	-.117
		.425	.001	.000	.007	.012	.004	-.075	-.109	-.112
.400		.003	.001	.007	.010	-.003	-.091	-.112	-.113	
.350		.009	.003	.008	.009	-.013	-.098	-.112	-.108	
.300		.008	.002	.006	.004	-.017	-.087	-.105	-.105	
.250										
.200										
.150										
.100										
.050										

Table 3. Continued

(p) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99
BODY	0	.006	.014	.005	-.016	-.040	-.050	-.061	-.077
	15	.003	.015	.008	-.007	-.029	-.043	-.057	-.066
	30	.002	.013	.009	-.006	-.031	-.045	-.057	-.067
	45	.004	.013	.010	-.010	-.031	-.052	-.061	-.071
	60	.006	.009	.009	-.023	-.035	-.055	-.065	-.072
	75	.013	.012	.012	-.002	-.030	-.065	-.076	-.076
	90								
	105	.009	.007	.008	-.004	-.037	-.079	-.105	-.100
	120	.008	.009	.009	-.022	-.040	-.063	-.077	-.089
	135	.005	.010	.008	-.010	-.035	-.059	-.076	-.086
	150	.003	.010	.006	-.009	-.038	-.059	-.075	-.085
	165	.004	.012	.004	-.012	-.035	-.056	-.072	-.082
	180	.006	.010	.000	-.023	-.049	-.065	-.082	-.095
	195	.010	.012	.001	-.037	-.066	-.068	-.058	-.044
	210	.011	.012	.002	-.033	-.038	-.025	-.004	.022
	225	.010	.010	.002	-.013	-.003	.023	.059	.101
	240	.011	.011	.007	.009	.031	.070	.121	.180
	255	.014	.011	.010	.022	.053	.101	.163	.233
	270								
	285	.016	.018	.015	.029	.065	.114	.177	.247
	300	.013	.016	.010	.015	.042	.082	.136	.197
	315	.013	.016	.009	-.004	.011	.038	.076	.121
	330	.011	.014	.006	-.027	-.028	-.015	.009	.037
	345	.009	.014	.005	-.029	-.059	-.060	-.051	-.036
Y/S		CP FOR ALPHA, DEG =							
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99
WINDWARD WING	.075								
	.150								
	.225								
	.300	.017	.018	.014	.028	.064	.112	.173	.241
	.375	.020	.019	.016	.029	.062	.109	.168	.237
	.450								
	.524	.019	.019	.019	.028	.057	.100	.152	.214
	.599								
	.637								
	.674	.011	.007	-.004	.003	.026	.059	.095	.138
LEEWARD WING	.674	-.012	-.013	.001	.012	.013	.005	-.090	-.103
	.637	-.003	.006	.011	.015	.013	-.008	-.103	-.109
	.599	.006	.009	.012	.015	.012	-.027	-.108	-.111
	.524	.010	.008	.012	.016	.003	-.074	-.103	-.108
	.450	.007	.006	.009	.012	-.021	-.093	-.102	-.109
	.375	.009	.007	.010	.008	-.038	-.076	-.099	-.102
	.300	.010	.008	.011	.004	-.032	-.077	-.099	-.100
	.225								
	.150								
	.075								

Table 3. Continued
(p) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99
BODY	0	.009	.019	.009	-.012	-.037	-.050	-.057	-.076
	15	.008	.018	.011	-.004	-.023	-.038	-.048	-.063
	30	.006	.015	.009	-.005	-.025	-.039	-.051	-.067
	45	.010	.015	.012	-.004	-.023	-.042	-.054	-.067
	60	.011	.013	.010	-.013	-.025	-.042	-.050	-.065
	75	.015	.014	.013	-.003	-.028	-.062	-.056	-.062
	90								
	105	.015	.012	.012	-.004	-.033	-.068	-.091	-.091
	120	.011	.010	.010	-.018	-.037	-.061	-.082	-.089
	135	.010	.012	.010	-.007	-.032	-.054	-.071	-.084
	150	.007	.012	.009	-.006	-.031	-.050	-.071	-.085
	165	.006	.013	.006	-.007	-.031	-.050	-.070	-.084
	180	.007	.012	.004	-.015	-.037	-.056	-.075	-.093
	195	.009	.014	.004	-.024	-.057	-.068	-.058	-.043
	210	.012	.017	.009	-.019	-.035	-.022	.002	.030
	225	.009	.015	.010	-.006	.002	.027	.064	.112
	240	.007	.013	.013	.014	.037	.074	.128	.191
	255	.013	.015	.019	.029	.060	.103	.164	.234
	270								
	285	.019	.021	.026	.037	.068	.113	.172	.242
	300	.012	.020	.021	.022	.046	.087	.143	.206
	315	.014	.021	.018	.006	.011	.041	.080	.129
	330	.013	.020	.013	-.010	-.027	-.013	.012	.042
	345	.014	.020	.013	-.015	-.057	-.057	-.046	-.030
	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.06	3.96	7.99	12.03	15.97	20.01	23.99
WINDWARD WING	.190								
	.274	.021	.025	.028	.039	.068	.112	.170	.238
	.379	.018	.020	.022	.031	.064	.107	.165	.232
	.473	.022	.024	.025	.032	.063	.106	.161	.226
	.569								
	.664	.021	.021	.020	.030	.057	.097	.143	.203
	.759	.021	.019	.020	.028	.051	.091	.134	.188
	.806	.023	.021	.016	.017	.045	.081	.119	.165
	.854	.022	.012	-.005	.008	.031	.066	.096	.132
LEEWARD WING	.854	-.009	-.004	.014	.017	.020	.026	-.051	-.089
	.806	-.001	.010	.012	.014	.017	.018	-.071	-.092
	.759	.010	.012	.013	.016	.019	.008	-.078	-.089
	.664	.010	.011	.013	.016	.014	-.044	-.093	-.101
	.569	.009	.009	.012	.015	-.005	-.090	-.103	-.109
	.473	.013	.012	.014	.014	-.038	-.092	-.094	-.102
	.379	.013	.010	.013	.001	-.043	-.076	-.090	-.097
	.274	.018	.014	.015	.003	-.031	-.066	-.087	-.090
	.190								

Table 3. Continued

(q) $M_\infty = 1.70$; $\phi = -30^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
BODY	0								
	15	-.008	.008	.026	.045	.058	.107	.182	.259
	30	-.008	.006	.028	.055	.089	.151	.231	.321
	45	-.008	.006	.031	.068	.113	.180	.264	.357
	60	-.013	.005	.034	.076	.128	.197	.281	.376
	75	-.013	.008	.041	.080	.120	.181	.264	.367
	90								
	105	.030	.003	-.031	-.086	-.193	-.277	-.368	-.412
	120	.023	-.001	-.031	-.068	-.101	-.179	-.268	-.314
	135	.025	.006	-.020	-.052	-.070	-.107	-.159	-.212
	150	.022	.004	-.020	-.049	-.073	-.117	-.130	-.175
	165	.019	.001	-.020	-.051	-.090	-.125	-.135	-.166
	180	.023	.004	-.015	-.054	-.137	-.197	-.145	-.169
	195	.026	.006	-.011	-.037	-.062	-.087	-.168	-.168
	210	.034	.012	-.006	-.018	-.036	-.062	-.143	-.164
	225	.039	.013	-.008	-.034	-.061	-.101	-.200	-.227
	240	.042	.011	-.013	-.060	-.150	-.238	-.242	-.256
	255	.048	.012	-.015	-.055	-.107	-.188	-.205	-.237
	270								
	285	-.032	-.003	.027	.040	.016	-.041	-.051	-.034
	300	-.028	-.001	.025	.050	.073	.049	.059	.081
	315	-.026	-.001	.019	.041	.066	.070	.062	.064
	330	-.019	.003	.019	.033	.041	.027	-.086	-.090
	345	-.016	.005	.019	.034	.024	-.036	.000	.041
WINDWARD WING	Y/S								
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.033	-.005	.030	.063	.098	.102	.072	.058
	.350	-.030	-.006	.033	.076	.126	.156	.159	.103
	.400	-.187	-.007	.035	.078	.129	.189	.261	.332
	.425								
	.450	-.155	-.005	.043	.078	.117	.172	.218	.282
	.450	.051	.005	-.143	-.235	-.324	-.355	-.398	-.422
	.425	.046	.006	-.152	-.252	-.343	-.352	-.395	-.419
LEEWARD WING	.400	.046	.007	-.155	-.255	-.336	-.354	-.398	-.421
	.350	.040	.004	-.022	-.194	-.327	-.326	-.369	-.390
	.300	.033	.001	-.033	-.085	-.151	-.218	-.341	-.413
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(q) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
BODY	0	-.029	.001	.026	.057	.092	.117	.150	.183
	15	-.026	.001	.029	.066	.106	.141	.185	.242
	30	-.023	.004	.034	.077	.123	.169	.225	.293
	45	-.025	.004	.036	.083	.132	.186	.248	.335
	60	-.026	.005	.039	.087	.132	.180	.245	.344
	75	-.030	.002	.040	.093	.150	.214	.284	.385
	90								
	105	.037	.009	-.018	-.042	-.120	-.236	-.330	-.384
	120	.028	.001	-.027	-.053	-.132	-.268	-.360	-.396
	135	.032	.005	-.024	-.050	-.098	-.137	-.247	-.309
	150	.032	.008	-.021	-.048	-.089	-.102	-.161	-.223
	165	.027	.004	-.024	-.054	-.090	-.101	-.149	-.210
	180	.031	.007	-.020	-.063	-.102	-.105	-.142	-.201
	195	.028	.004	-.022	-.055	-.093	-.118	-.137	-.175
	210	.033	.007	-.018	-.042	-.077	-.114	-.123	-.160
	225	.036	.007	-.019	-.046	-.086	-.129	-.186	-.230
	240	.037	.007	-.022	-.058	-.089	-.125	-.228	-.250
	255	.038	.006	-.024	-.055	-.064	-.107	-.184	-.221
	270								
	285	-.031	-.003	.030	.057	.083	.129	.157	.194
	300	-.027	.002	.033	.071	.104	.149	.191	.241
	315	-.029	.001	.031	.067	.101	.147	.193	.244
	330	-.030	.001	.026	.057	.085	.125	.167	.203
	345	-.026	.006	.029	.058	.084	.110	.153	.153
WINDWARD WING	Y/S								
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
	.075								
	.150								
	.225								
	.300	-.025	.003	.037	.074	.093	.129	.167	.217
	.375	-.021	.005	.041	.089	.111	.108	.129	.166
	.450								
	.524	-.093	.002	.040	.085	.134	.221	.286	.365
	.599								
	.637								
	.674	-.129	-.004	.052	.083	.116	.163	.212	.271
	.674	.053	.008	-.115	-.186	-.248	-.307	-.343	-.368
	.637	.050	.010	-.127	-.207	-.275	-.336	-.365	-.379
	.599	.046	.009	-.165	-.217	-.303	-.338	-.361	-.376
	.524	.039	.005	-.063	-.254	-.300	-.352	-.375	-.396
	.450	.044	.011	-.005	-.176	-.332	-.376	-.374	-.373
	.375	.043	.010	-.016	-.050	-.187	-.268	-.286	-.325
	.300	.034	.004	-.024	-.045	-.116	-.230	-.343	-.396
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued
(q) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
BODY	0	-.030	-.001	.026	.061	.095	.128	.179	.228
	15	-.024	.003	.033	.069	.109	.157	.215	.274
	30	-.025	.000	.032	.069	.118	.178	.234	.299
	45	-.027	-.001	.032	.073	.124	.191	.255	.340
	60	-.033	-.002	.032	.079	.139	.210	.288	.371
	75	-.043	-.003	.033	.084	.141	.207	.284	.367
	90								
	105	.040	.009	-.018	-.049	-.105	-.195	-.325	-.366
	120	.037	.006	-.022	-.054	-.116	-.251	-.336	-.372
	135	.037	.007	-.023	-.056	-.100	-.162	-.295	-.374
	150	.039	.009	-.022	-.056	-.092	-.119	-.223	-.303
	165	.036	.006	-.025	-.060	-.091	-.118	-.203	-.289
	180	.040	.010	-.021	-.063	-.084	-.116	-.197	-.291
	195	.039	.012	-.020	-.058	-.086	-.118	-.188	-.263
	210	.036	.008	-.023	-.050	-.076	-.113	-.151	-.200
	225	.039	.010	-.022	-.049	-.072	-.111	-.142	-.176
	240	.041	.008	-.026	-.050	-.070	-.108	-.131	-.148
	255	.038	.002	-.040	-.055	-.069	-.109	-.128	-.144
	270								
	285	-.029	-.001	.031	.065	.112	.151	.197	.257
	300	-.033	-.006	.026	.066	.115	.156	.212	.274
	315	-.025	.005	.035	.075	.125	.167	.224	.288
	330	-.031	-.001	.028	.063	.110	.144	.195	.256
	345	-.032	-.003	.025	.057	.093	.125	.165	.220
	Y/S	CP FOR ALPHA, DEG =							
		-3.99	-.01	3.99	8.02	12.04	15.99	20.06	24.04
WINDWARD WING	.190								
	.274	-.031	-.002	.029	.066	.107	.144	.195	.254
	.379	-.026	.001	.035	.075	.100	.114	.155	.205
	.473	-.025	-.002	.033	.079	.137	.193	.254	.316
	.569								
	.664	-.135	-.002	.036	.085	.127	.185	.254	.328
	.759	-.160	-.001	.040	.080	.121	.168	.226	.295
	.806	-.133	-.003	.043	.076	.116	.156	.208	.272
	.854	-.127	-.007	.049	.074	.108	.141	.187	.242
LEEWARD WING	.854	.048	.005	-.113	-.191	-.249	-.301	-.339	-.364
	.806	.052	.013	-.116	-.194	-.249	-.317	-.353	-.376
	.759	.046	.010	-.161	-.215	-.293	-.354	-.359	-.378
	.664	.046	.012	-.082	-.218	-.283	-.342	-.360	-.383
	.569	.044	.011	-.005	-.244	-.318	-.359	-.389	-.407
	.473	.037	.004	-.024	-.083	-.270	-.350	-.345	-.364
	.379	.037	.004	-.025	-.052	-.140	-.218	-.276	-.352
	.274	.035	.005	-.024	-.054	-.106	-.202	-.329	-.367
	.190								

Table 3. Continued

(r) $M_\infty = 2.16$; $\phi = -30^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
BODY	0								
	15	-.015	-.001	.008	.022	.059	.109	.182	.263
	30	-.012	.003	.017	.042	.089	.149	.229	.320
	45	-.015	.003	.023	.059	.111	.177	.258	.357
	60	-.021	.002	.028	.067	.122	.192	.275	.376
	75	-.024	.002	.032	.069	.110	.170	.249	.352
	90								
	105	.027	.004	-.025	-.085	-.198	-.233	-.258	-.267
	120	.024	.002	-.026	-.063	-.093	-.134	-.160	-.168
	135	.024	.008	-.016	-.050	-.066	-.091	-.116	-.134
	150	.013	.001	-.019	-.047	-.078	-.095	-.114	-.124
	165	.005	-.001	-.019	-.045	-.105	-.110	-.122	-.127
	180	.008	.002	-.014	-.048	-.141	-.130	-.134	-.146
	195	.014	.004	-.011	-.034	-.049	-.111	-.125	-.144
	210	.022	.005	-.011	-.020	-.026	-.081	-.110	-.117
	225	.032	.008	-.011	-.036	-.050	-.115	-.142	-.152
	240	.036	.006	-.017	-.061	-.149	-.171	-.180	-.205
	255	.044	.010	-.016	-.056	-.108	-.144	-.159	-.179
	270								
	285	-.041	-.006	.017	.019	-.016	-.026	-.009	.002
	300	-.036	-.007	.015	.031	.023	.010	.029	.058
	315	-.029	-.004	.013	.025	.020	-.005	.007	.029
	330	-.025	-.004	.007	.004	-.039	-.073	-.047	-.019
	345	-.021	-.002	.006	-.015	-.028	-.005	.040	.087
WINDWARD WING	Y/S								
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.038	-.006	.024	.053	.058	.022	.020	.040
	.350	-.047	-.007	.026	.066	.093	.095	.082	.082
	.400	-.159	-.009	.027	.068	.113	.163	.227	.306
	.425								
	.450	-.135	-.022	.037	.072	.106	.146	.198	.268
LEEWARD WING	.450	.046	.002	-.117	-.188	-.242	-.257	-.268	-.273
	.425	.046	.007	-.125	-.205	-.249	-.260	-.268	-.272
	.400	.039	.002	-.138	-.209	-.253	-.263	-.270	-.275
	.350	.037	.001	-.025	-.203	-.256	-.263	-.270	-.270
	.300	.031	.001	-.029	-.088	-.174	-.194	-.240	-.265
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(r) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
BODY	0	.009	.034	.055	.039	.054	.057	.089	.147
	15	.012	.035	.058	.047	.068	.103	.159	.232
	30	.009	.031	.055	.051	.081	.138	.205	.288
	45	.006	.031	.057	.055	.096	.162	.237	.328
	60	.001	.029	.056	.056	.094	.154	.232	.330
	75	.005	.034	.062	.068	.122	.196	.277	.372
	90								
	105	.059	.031	.008	-.051	-.122	-.188	-.236	-.259
	120	.068	.041	.017	-.051	-.123	-.186	-.230	-.257
	135	.064	.039	.014	-.049	-.086	-.129	-.165	-.176
	150	.062	.038	.011	-.049	-.086	-.092	-.131	-.149
	165	.065	.042	.014	-.052	-.083	-.086	-.124	-.138
	180	.062	.039	.011	-.064	-.117	-.094	-.131	-.145
	195	.067	.041	.017	-.051	-.071	-.100	-.123	-.131
	210	.066	.038	.017	-.041	-.065	-.081	-.108	-.123
	225	.061	.032	.010	-.049	-.080	-.107	-.153	-.177
	240	.064	.034	.009	-.060	-.085	-.153	-.184	-.195
	255	.066	.034	.008	-.053	-.058	-.120	-.163	-.180
	270								
	285	.010	.037	.061	.041	.061	.077	.103	.145
	300	.005	.033	.057	.048	.082	.109	.137	.187
	315	.009	.036	.059	.049	.083	.115	.144	.196
	330	.008	.034	.055	.041	.073	.095	.114	.167
	345	.007	.033	.053	.035	.056	.062	.039	.060
	Y/S	CP FOR ALPHA, DEG =							
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
WINDWARD WING	.075								
	.150								
	.225								
	.300	.005	.033	.058	.054	.079	.097	.122	.168
	.375	.011	.034	.063	.067	.086	.095	.105	.133
	.450								
	.524	-.105	.037	.068	.070	.126	.189	.249	.336
	.599								
	.637								
	.674	-.076	.023	.073	.068	.106	.146	.185	.248
LEEWARD WING	.674	.079	.036	-.070	-.164	-.192	-.220	-.245	-.257
	.637	.080	.040	-.071	-.156	-.197	-.227	-.252	-.263
	.599	.078	.041	-.088	-.179	-.223	-.240	-.260	-.266
	.524	.079	.045	-.062	-.185	-.221	-.239	-.258	-.266
	.450	.066	.036	.022	-.192	-.238	-.251	-.267	-.273
	.375	.067	.034	.017	-.072	-.169	-.199	-.220	-.232
	.300	.070	.039	.016	-.048	-.106	-.183	-.237	-.260
	.225								
	.150								
	.075								

Table 3. Continued
(r) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
BODY	0	-.028	-.001	.023	.046	.075	.102	.132	.190
	15	-.024	-.001	.026	.052	.084	.121	.170	.239
	30	-.028	-.007	.020	.055	.091	.133	.192	.266
	45	-.027	-.004	.023	.058	.102	.152	.215	.295
	60	-.031	-.006	.023	.062	.114	.170	.254	.348
	75	-.036	-.007	.027	.066	.115	.177	.264	.359
	90								
	105	.033	.005	-.021	-.047	-.111	-.178	-.222	-.242
	120	.033	.004	-.021	-.051	-.121	-.196	-.231	-.245
	135	.031	.002	-.023	-.051	-.092	-.144	-.174	-.216
	150	.031	.003	-.023	-.054	-.084	-.112	-.141	-.165
	165	.029	.003	-.022	-.054	-.079	-.112	-.141	-.164
	180	.029	.002	-.023	-.059	-.085	-.112	-.148	-.172
	195	.033	.003	-.022	-.055	-.077	-.115	-.141	-.168
	210	.035	.005	-.018	-.038	-.061	-.096	-.109	-.133
	225	.032	.003	-.020	-.042	-.064	-.095	-.132	-.139
	240	.031	.001	-.025	-.045	-.062	-.091	-.127	-.133
	255	.035	.001	-.029	-.042	-.059	-.088	-.114	-.127
	270								
	285	-.023	.001	.027	.053	.086	.114	.160	.219
	300	-.025	.000	.026	.056	.096	.131	.181	.245
	315	-.027	.000	.026	.057	.098	.136	.185	.250
	330	-.026	.001	.025	.053	.092	.123	.166	.227
	345	-.025	.001	.025	.047	.078	.098	.127	.176
	Y/S	CP FOR ALPHA, DEG =							
		-4.01	.02	3.99	8.02	12.01	15.99	20.02	24.02
WINDWARD WING	.190								
	.274	-.023	.001	.028	.058	.090	.120	.166	.223
	.379	-.026	-.004	.027	.061	.074	.088	.122	.160
	.473	-.016	.002	.034	.074	.123	.173	.230	.295
	.569								
	.664	-.145	.003	.039	.071	.118	.172	.239	.315
	.759	-.113	.001	.039	.069	.109	.157	.213	.279
	.806	-.105	.001	.041	.071	.106	.149	.201	.262
	.854	-.102	-.004	.043	.072	.102	.139	.184	.239
LEEWARD WING	.854	.051	.006	-.093	-.151	-.191	-.210	-.231	-.234
	.806	.044	.003	-.100	-.153	-.191	-.215	-.236	-.237
	.759	.043	.005	-.112	-.160	-.199	-.227	-.244	-.235
	.664	.039	.004	-.108	-.172	-.215	-.235	-.247	-.237
	.569	.036	.003	-.009	-.204	-.224	-.242	-.252	-.244
	.473	.040	.006	-.016	-.107	-.221	-.238	-.246	-.250
	.379	.036	.003	-.022	-.049	-.147	-.176	-.196	-.223
	.274	.036	.007	-.019	-.047	-.108	-.177	-.224	-.242
	.190								

Table 3. Continued

(s) $M_\infty = 2.40$; $\phi = -30^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
BODY	0								
	15	-.005	.008	.014	.031	.068	.125	.196	.283
	30	-.007	.007	.019	.050	.095	.161	.241	.336
	45	-.010	.008	.028	.068	.119	.189	.275	.374
	60	-.016	.007	.033	.078	.133	.205	.293	.394
	75	-.016	.011	.041	.080	.126	.185	.267	.369
	90								
	105	.030	.004	-.025	-.088	-.157	-.193	-.211	-.217
	120	.024	-.001	-.028	-.060	-.081	-.113	-.130	-.132
	135	.023	.005	-.019	-.043	-.057	-.083	-.101	-.118
	150	.014	.002	-.017	-.039	-.066	-.084	-.097	-.110
	165	.004	-.001	-.015	-.041	-.103	-.105	-.112	-.119
	180	.004	-.001	-.012	-.044	-.124	-.117	-.122	-.130
	195	.012	.003	-.008	-.034	-.051	-.108	-.118	-.134
	210	.025	.007	-.003	-.012	-.022	-.077	-.096	-.112
	225	.034	.009	-.004	-.025	-.044	-.106	-.122	-.140
	240	.039	.008	-.009	-.052	-.126	-.142	-.162	-.177
	255	.047	.013	-.007	-.046	-.103	-.127	-.144	-.166
	270								
	285	-.032	.001	.023	.017	-.004	-.009	-.003	.016
	300	-.029	.001	.021	.033	.020	.015	.031	.058
	315	-.025	.001	.015	.024	.008	-.010	-.001	.019
	330	-.017	.004	.011	-.004	-.046	-.043	-.022	.010
	345	-.013	.005	.007	-.017	-.011	.017	.057	.109
WINDWARD WING	Y/S								
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.032	.001	.029	.058	.043	.016	.020	.042
	.350	-.051	.001	.032	.073	.089	.083	.080	.089
	.400	-.130	.000	.035	.076	.118	.164	.231	.296
	.425								
	.450	-.116	-.013	.041	.076	.110	.146	.199	.258
	.450	.047	.000	-.102	-.167	-.194	-.206	-.214	-.219
	.425	.049	.006	-.103	-.167	-.198	-.208	-.214	-.217
	.400	.048	.008	-.109	-.172	-.197	-.207	-.213	-.215
	.350	.044	.005	-.024	-.180	-.204	-.213	-.217	-.219
	.300	.035	.001	-.027	-.099	-.155	-.182	-.199	-.214
	.250								
	.200								
	.150								
	.100								
	.050								
LEEWARD WING									

Table 3. Continued

(s) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
BODY	0	-.013	.011	.030	.048	.049	.071	.119	.190
	15	-.009	.012	.033	.055	.071	.120	.185	.272
	30	-.006	.015	.037	.063	.098	.157	.234	.331
	45	-.010	.013	.037	.069	.114	.180	.265	.368
	60	-.012	.013	.039	.075	.120	.177	.261	.367
	75	-.014	.011	.040	.085	.141	.213	.305	.411
	90								
	105	.042	.014	-.005	-.035	-.103	-.155	-.186	-.204
	120	.036	.009	-.011	-.040	-.097	-.138	-.163	-.190
	135	.039	.013	-.008	-.033	-.070	-.094	-.116	-.122
	150	.040	.016	-.005	-.031	-.064	-.076	-.106	-.124
	165	.038	.015	-.005	-.034	-.064	-.073	-.096	-.118
	180	.039	.016	-.004	-.043	-.073	-.073	-.095	-.113
	195	.037	.012	-.006	-.042	-.065	-.081	-.099	-.120
	210	.042	.016	-.003	-.022	-.050	-.058	-.096	-.110
	225	.041	.015	-.004	-.026	-.063	-.089	-.130	-.146
	240	.043	.015	-.005	-.034	-.071	-.133	-.149	-.159
	255	.043	.014	-.007	-.029	-.047	-.118	-.140	-.158
	270								
	285	-.016	.010	.034	.049	.059	.075	.110	.151
	300	-.013	.013	.037	.062	.084	.105	.147	.195
	315	-.015	.012	.035	.061	.084	.105	.147	.200
	330	-.015	.011	.032	.054	.071	.079	.109	.151
	345	-.011	.014	.034	.051	.055	.035	.049	.100
WINDWARD WING	Y/S								
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
	.075								
	.150								
	.225								
	.300	-.012	.015	.042	.069	.085	.101	.140	.187
	.375	-.006	.017	.046	.081	.093	.095	.116	.148
	.450								
	.524	-.114	.013	.044	.083	.130	.190	.265	.356
	.599								
	.637								
	.674	-.090	.007	.051	.083	.112	.157	.206	.275
	.674	.062	.013	-.082	-.130	-.155	-.180	-.193	-.203
	.637	.059	.015	-.084	-.129	-.156	-.182	-.195	-.205
	.599	.056	.015	-.087	-.137	-.170	-.190	-.202	-.208
LEEWARD WING	.524	.048	.011	-.088	-.156	-.184	-.199	-.209	-.216
	.450	.052	.017	.003	-.166	-.184	-.197	-.206	-.212
	.375	.050	.017	-.001	-.074	-.145	-.173	-.186	-.194
	.300	.042	.010	-.009	-.034	-.095	-.151	-.190	-.208
	.225								
	.150								
	.075								

Table 3. Continued

(s) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
BODY	0	-.022	.004	.024	.045	.064	.087	.122	.167
	15	-.017	.006	.028	.052	.078	.110	.167	.247
	30	-.019	.003	.026	.055	.085	.127	.202	.294
	45	-.022	.002	.026	.059	.100	.152	.233	.326
	60	-.025	.001	.027	.065	.114	.182	.271	.379
	75	-.025	.006	.032	.073	.123	.194	.286	.396
	90								
	105	.038	.008	-.013	-.034	-.100	-.152	-.184	-.197
	120	.034	.004	-.018	-.040	-.107	-.160	-.193	-.207
	135	.034	.004	-.019	-.042	-.081	-.115	-.136	-.149
	150	.034	.006	-.017	-.044	-.071	-.094	-.119	-.139
	165	.030	.004	-.019	-.047	-.069	-.095	-.117	-.148
	180	.032	.007	-.015	-.047	-.065	-.093	-.115	-.151
	195	.034	.007	-.014	-.054	-.067	-.097	-.114	-.150
	210	.033	.005	-.015	-.039	-.061	-.093	-.104	-.148
	225	.033	.004	-.016	-.037	-.063	-.097	-.127	-.144
	240	.036	.005	-.016	-.036	-.058	-.083	-.126	-.133
	255	.037	.003	-.021	-.034	-.058	-.081	-.121	-.127
	270								
	285	-.019	.005	.029	.051	.081	.114	.156	.218
	300	-.023	.002	.025	.054	.088	.130	.176	.241
	315	-.015	.011	.034	.063	.097	.142	.191	.256
	330	-.022	.004	.026	.053	.084	.127	.170	.229
	345	-.024	.001	.023	.045	.064	.095	.125	.170
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.03	4.01	8.03	12.03	16.03	20.08	24.03
WINDWARD WING	.190								
	.274	-.021	.003	.027	.053	.084	.120	.164	.222
	.379	-.016	.005	.033	.060	.074	.096	.123	.163
	.473	-.014	.002	.031	.071	.123	.180	.238	.302
	.569								
	.664	-.125	.003	.035	.075	.120	.176	.241	.327
	.759	-.099	.006	.040	.076	.116	.165	.219	.296
	.806	-.094	.005	.041	.076	.112	.156	.206	.277
	.854	-.092	.001	.043	.075	.106	.143	.189	.255
LEEWARD WING	.854	.049	.005	-.083	-.131	-.163	-.185	-.195	-.187
	.806	.052	.011	-.080	-.126	-.158	-.180	-.191	-.184
	.759	.048	.008	-.090	-.130	-.160	-.184	-.195	-.188
	.664	.048	.011	-.089	-.145	-.177	-.194	-.197	-.191
	.569	.044	.010	-.008	-.162	-.181	-.196	-.198	-.188
	.473	.035	.003	-.010	-.128	-.194	-.205	-.205	-.197
	.379	.035	.002	-.015	-.043	-.136	-.162	-.181	-.193
	.274	.035	.004	-.017	-.037	-.097	-.156	-.189	-.202
	.190								

Table 3. Continued

(t) $M_\infty = 2.86$; $\phi = -30^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
BODY	0								
	15	.002	.007	.013	.030	.068	.113	.180	.261
	30	.006	.012	.024	.050	.097	.151	.228	.319
	45	.003	.013	.031	.064	.119	.179	.261	.357
	60	-.005	.011	.035	.072	.132	.193	.280	.379
	75	-.007	.013	.039	.073	.122	.173	.251	.347
	90								
	105	.031	.012	-.014	-.057	-.100	-.122	-.139	-.145
	120	.028	.011	-.013	-.043	-.056	-.072	-.081	-.085
	135	.028	.015	-.005	-.028	-.045	-.062	-.070	-.077
	150	.013	.007	-.008	-.029	-.057	-.066	-.072	-.082
	165	.005	.005	-.006	-.027	-.079	-.083	-.084	-.086
	180	.008	.007	-.002	-.024	-.081	-.084	-.089	-.093
	195	.017	.010	.002	-.016	-.040	-.078	-.087	-.094
	210	.025	.009	.000	-.008	-.022	-.061	-.079	-.084
	225	.035	.012	-.001	-.018	-.042	-.082	-.095	-.106
	240	.039	.010	-.007	-.038	-.096	-.108	-.121	-.126
	255	.044	.014	-.007	-.036	-.085	-.103	-.114	-.122
	270								
	285	-.026	.003	.022	.015	.003	.001	.007	.029
	300	-.023	.003	.018	.025	.013	.016	.032	.058
	315	-.012	.009	.018	.021	.000	-.001	.011	.035
	330	-.009	.006	.010	-.011	-.027	-.015	.006	.036
	345	-.004	.007	.007	-.003	.009	.035	.072	.119
Y/S		CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.023	.004	.028	.048	.028	.022	.029	.051
	.350	-.059	.003	.031	.063	.075	.081	.088	.104
	.400	-.091	-.001	.031	.066	.107	.148	.202	.278
	.425								
	.450	-.079	-.010	.039	.073	.106	.140	.185	.247
LEEWARD WING	.450	.048	.009	-.074	-.118	-.135	-.142	-.145	-.147
	.425	.047	.012	-.071	-.113	-.131	-.138	-.143	-.146
	.400	.040	.006	-.080	-.123	-.142	-.147	-.150	-.151
	.350	.037	.007	-.027	-.126	-.142	-.147	-.150	-.152
	.300	.035	.010	-.016	-.071	-.111	-.126	-.136	-.141
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(t) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
BODY	0	-.002	.013	.028	.039	.047	.084	.139	.201
	15	.002	.016	.031	.046	.080	.128	.196	.274
	30	.000	.013	.029	.053	.100	.155	.234	.321
	45	-.001	.014	.032	.062	.117	.178	.264	.357
	60	-.007	.010	.030	.063	.113	.168	.254	.350
	75	-.004	.013	.037	.079	.143	.209	.303	.403
	90								
	105	.031	.008	-.013	-.037	-.093	-.126	-.144	-.153
	120	.037	.014	-.006	-.029	-.066	-.082	-.095	-.134
	135	.035	.013	-.007	-.028	-.053	-.068	-.079	-.080
	150	.032	.013	-.008	-.028	-.052	-.065	-.080	-.082
	165	.033	.015	-.005	-.026	-.046	-.054	-.070	-.082
	180	.030	.011	-.008	-.037	-.053	-.058	-.074	-.089
	195	.034	.014	-.004	-.029	-.053	-.055	-.071	-.088
	210	.033	.011	-.005	-.018	-.044	-.050	-.077	-.090
	225	.029	.006	-.011	-.027	-.057	-.082	-.108	-.116
	240	.032	.009	-.009	-.036	-.071	-.109	-.119	-.126
	255	.034	.008	-.011	-.032	-.062	-.106	-.118	-.125
	270								
	285	-.005	.012	.031	.042	.052	.074	.104	.145
	300	-.007	.010	.028	.048	.066	.091	.125	.172
	315	-.004	.013	.030	.052	.069	.091	.124	.172
	330	-.005	.012	.027	.046	.053	.056	.068	.100
	345	-.004	.012	.027	.038	.028	.036	.071	.116
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
	.075								
	.150								
	.225								
	.300	-.008	.010	.031	.055	.068	.085	.114	.164
	.375	-.003	.011	.034	.065	.077	.084	.100	.141
	.450								
	.524	-.081	.011	.037	.071	.116	.169	.234	.324
	.599								
	.637								
	.674	-.075	-.016	.043	.071	.101	.137	.185	.251
	.674	.053	.007	-.072	-.108	-.130	-.140	-.146	-.150
	.637	.051	.012	-.071	-.108	-.128	-.138	-.144	-.149
	.599	.049	.013	-.072	-.108	-.129	-.139	-.145	-.149
	.524	.048	.015	-.064	-.107	-.126	-.137	-.142	-.146
	.450	.041	.011	-.013	-.121	-.138	-.145	-.150	-.153
	.375	.040	.012	-.007	-.081	-.128	-.139	-.144	-.150
	.300	.040	.014	-.007	-.030	-.077	-.111	-.135	-.145
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(t) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
BODY	0	-.005	.018	.037	.055	.065	.079	.125	.184
	15	-.003	.020	.039	.062	.082	.120	.187	.262
	30	-.007	.016	.037	.063	.093	.146	.223	.311
	45	-.005	.020	.043	.071	.110	.165	.240	.328
	60	-.008	.018	.045	.076	.130	.197	.287	.389
	75	-.009	.019	.049	.080	.137	.207	.299	.406
	90								
	105	.042	.016	-.005	-.023	-.077	-.110	-.130	-.138
	120	.039	.013	-.008	-.026	-.072	-.094	-.120	-.134
	135	.039	.013	-.008	-.028	-.054	-.066	-.076	-.085
	150	.037	.013	-.008	-.029	-.052	-.065	-.080	-.094
	165	.036	.013	-.008	-.031	-.050	-.062	-.082	-.101
	180	.033	.011	-.008	-.034	-.050	-.064	-.085	-.105
	195	.034	.012	-.006	-.033	-.050	-.064	-.079	-.107
	210	.038	.015	-.002	-.020	-.047	-.063	-.072	-.110
	225	.035	.012	-.006	-.023	-.051	-.078	-.096	-.114
	240	.035	.009	-.009	-.026	-.046	-.082	-.105	-.113
	255	.040	.013	-.006	-.021	-.043	-.077	-.101	-.109
	270								
	285	.002	.020	.039	.059	.083	.111	.148	.199
	300	-.004	.017	.037	.063	.093	.124	.165	.223
	315	-.004	.019	.039	.065	.094	.127	.172	.232
	330	-.004	.019	.038	.062	.086	.114	.157	.212
	345	.000	.021	.039	.059	.069	.081	.093	.125
	Y/S	CP FOR ALPHA, DEG =							
		-3.95	-.03	3.96	8.00	12.01	16.01	20.02	24.01
WINDWARD WING	.190								
	.274	.002	.020	.042	.065	.089	.116	.156	.211
	.379	-.003	.013	.038	.065	.074	.089	.116	.156
	.473	.008	.018	.042	.080	.129	.175	.231	.301
	.569								
	.664	-.074	.016	.044	.079	.123	.172	.234	.320
	.759	-.072	.014	.044	.077	.116	.158	.211	.288
	.806	-.068	.013	.046	.078	.114	.152	.203	.275
	.854	-.067	-.005	.050	.080	.112	.144	.193	.258
LEEWARD WING	.854	.056	.013	-.063	-.094	-.118	-.128	-.129	-.125
	.806	.049	.017	-.071	-.101	-.124	-.134	-.134	-.129
	.759	.051	.019	-.066	-.094	-.119	-.130	-.130	-.126
	.664	.047	.016	-.059	-.104	-.126	-.137	-.138	-.131
	.569	.044	.015	-.034	-.115	-.131	-.140	-.140	-.132
	.473	.047	.019	.002	-.106	-.131	-.137	-.135	-.128
	.379	.043	.015	-.005	-.034	-.109	-.126	-.136	-.133
	.274	.047	.019	-.002	-.019	-.071	-.107	-.129	-.134
	.190								

Table 3. Continued

(u) $M_\infty = 1.70$; $\phi = -60^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
BODY	0								
	15	-.006	.008	.010	-.001	-.035	-.040	-.012	.027
	30	-.005	.006	.013	.014	.008	.037	.088	.147
	45	-.002	.008	.019	.032	.051	.099	.170	.243
	60	-.002	.006	.022	.045	.079	.139	.223	.304
	75	.000	.008	.028	.058	.100	.164	.249	.338
	90								
	105	.021	.000	-.017	-.039	-.089	-.189	-.238	-.257
	120	.014	-.003	-.023	-.050	-.070	-.058	-.077	-.062
	135	.016	.004	-.017	-.052	-.081	-.061	-.148	-.158
	150	.007	.002	-.018	-.055	-.079	-.060	-.133	-.146
	165	.000	-.001	-.017	-.044	-.061	-.077	-.096	-.154
	180	.002	.001	-.012	-.035	-.059	-.102	-.096	-.139
	195	.007	.004	-.008	-.033	-.072	-.097	-.099	-.144
	210	.017	.008	-.001	-.033	-.118	-.166	-.110	-.151
	225	.023	.010	.001	-.023	-.050	-.063	-.145	-.153
	240	.026	.008	-.002	-.012	-.034	-.036	-.104	-.122
	255	.033	.010	-.002	-.017	-.035	-.036	-.081	-.108
	270								
	285	-.019	-.001	.016	.013	-.018	-.040	-.104	-.162
	300	-.022	-.001	.014	.018	.005	-.046	-.126	-.187
	315	-.023	-.001	.010	.013	-.001	-.066	-.202	-.232
	330	-.017	.002	.008	-.003	-.037	-.125	-.258	-.245
	345	-.014	.003	.005	-.017	-.088	-.209	-.230	-.224
Y/S		CP FOR ALPHA, DEG =							
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.020	-.003	.019	.030	.021	-.034	-.104	-.161
	.350	-.015	-.004	.021	.045	.050	-.062	-.122	-.168
	.400	-.099	-.005	.021	.048	.093	.012	-.098	-.145
	.425								
	.450	-.118	-.003	.028	.050	.082	.135	.030	-.049
LEEWARD WING	.450	.035	.002	-.106	-.168	-.231	-.276	-.283	-.283
	.425	.031	.003	-.092	-.187	-.246	-.277	-.290	-.299
	.400	.031	.003	-.058	-.196	-.257	-.305	-.312	-.315
	.350	.029	.000	-.012	-.082	-.297	-.318	-.328	-.336
	.300	.023	-.002	-.020	-.041	-.107	-.193	-.204	-.200
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(u) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
BODY	0	-.023	-.001	.008	.001	-.022	-.116	-.164	-.153
	15	-.022	-.001	.010	.009	-.003	-.068	-.053	-.028
	30	-.019	.001	.016	.025	.029	.001	.052	.096
	45	-.018	.000	.019	.037	.054	.068	.130	.198
	60	-.017	.000	.021	.047	.082	.116	.192	.272
	75	-.019	-.002	.021	.053	.096	.141	.224	.310
	90								
	105	.019	.004	-.007	-.010	-.037	-.097	-.188	-.258
	120	.011	-.003	-.016	-.025	-.040	-.065	-.091	-.084
	135	.013	.001	-.014	-.029	-.052	-.056	-.059	-.068
	150	.010	.003	-.012	-.035	-.071	-.080	-.079	-.086
	165	.005	.000	-.017	-.039	-.072	-.078	-.078	-.082
	180	.007	.002	-.014	-.035	-.059	-.066	-.075	-.085
	195	.007	.000	-.016	-.038	-.061	-.071	-.079	-.108
	210	.014	.003	-.014	-.040	-.060	-.072	-.078	-.108
	225	.019	.004	-.010	-.038	-.067	-.085	-.082	-.116
	240	.020	.003	-.011	-.024	-.045	-.078	-.096	-.118
	255	.021	.001	-.012	-.026	-.043	-.074	-.103	-.113
	270								
	285	-.017	-.005	.015	.014	-.003	-.023	-.112	-.140
	300	-.018	-.001	.018	.028	.028	-.010	-.102	-.141
	315	-.023	.000	.016	.027	.030	.010	-.075	-.121
	330	-.026	-.001	.013	.018	.023	.013	-.061	-.133
	345	-.021	.002	.014	.009	-.005	-.016	-.102	-.198
WINDWARD WING	Y/S								
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
	.075								
	.150								
	.225								
	.300	-.013	.000	.022	.033	.027	.006	-.069	-.124
	.375	-.010	.002	.026	.047	.037	-.028	-.153	-.197
	.450								
	.524	-.029	.001	.026	.053	.085	.147	.132	.099
	.599								
	.637								
	.674	-.101	-.005	.031	.051	.068	.096	.096	.110
	.674	.029	-.001	-.092	-.136	-.183	-.231	-.280	-.303
	.637	.028	.002	-.102	-.142	-.188	-.234	-.284	-.306
	.599	.027	.002	-.098	-.153	-.183	-.227	-.282	-.307
	.524	.022	.000	-.014	-.210	-.219	-.281	-.315	-.324
	.450	.026	.005	-.003	-.068	-.278	-.303	-.329	-.332
	.375	.026	.004	-.008	-.005	-.120	-.260	-.341	-.361
	.300	.017	-.001	-.013	-.014	-.041	-.085	-.172	-.239
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(u) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
BODY	0	-.021	.002	.012	.010	.001	-.044	-.144	-.170
	15	-.017	.005	.015	.018	.007	-.017	-.084	-.053
	30	-.018	.002	.014	.026	.030	.031	.016	.066
	45	-.016	.001	.018	.037	.057	.073	.104	.170
	60	-.016	-.002	.020	.045	.078	.112	.166	.245
	75	-.025	-.003	.020	.046	.083	.126	.192	.274
	90								
	105	.028	.011	-.005	-.015	-.025	-.083	-.156	-.250
	120	.024	.009	-.011	-.027	-.031	-.068	-.110	-.158
	135	.024	.010	-.011	-.037	-.044	-.045	-.051	-.044
	150	.022	.011	-.011	-.044	-.065	-.073	-.079	-.099
	165	.016	.008	-.013	-.047	-.073	-.091	-.098	-.115
	180	.019	.010	-.010	-.036	-.056	-.072	-.084	-.091
	195	.025	.010	-.009	-.033	-.052	-.068	-.081	-.089
	210	.022	.008	-.013	-.037	-.055	-.070	-.086	-.094
	225	.026	.011	-.010	-.041	-.057	-.068	-.080	-.092
	240	.030	.010	-.010	-.026	-.057	-.077	-.079	-.095
	255	.024	.004	-.024	-.028	-.053	-.079	-.079	-.088
	270								
	285	-.007	.005	.020	.024	.028	.017	-.013	-.081
	300	-.014	.002	.015	.026	.039	.029	-.019	-.113
	315	-.011	.010	.022	.035	.051	.046	.006	-.055
	330	-.020	.004	.015	.025	.041	.035	.008	-.049
	345	-.023	.002	.012	.013	.019	-.002	-.013	-.064
Y/S		CP FOR ALPHA, DEG =							
		-3.98	.00	4.00	7.97	12.03	16.02	20.04	23.98
WINDWARD WING	.190								
	.274	-.009	.004	.019	.028	.035	.027	-.030	-.079
	.379	-.006	.006	.025	.034	.012	-.033	-.105	-.146
	.473	-.009	.004	.023	.048	.079	.062	-.052	-.123
	.569								
	.664	-.062	.004	.025	.046	.077	.118	.175	.199
	.759	-.105	.005	.028	.049	.071	.096	.138	.186
	.806	-.101	.004	.028	.051	.064	.082	.115	.153
	.854	-.093	.000	.030	.054	.057	.066	.091	.116
LEEWARD WING	.854	.031	.007	-.079	-.134	-.185	-.227	-.264	-.295
	.806	.035	.013	-.077	-.132	-.181	-.224	-.260	-.289
	.759	.031	.009	-.096	-.142	-.185	-.233	-.265	-.297
	.664	.031	.011	-.008	-.182	-.192	-.241	-.279	-.305
	.569	.029	.009	.000	-.130	-.215	-.249	-.293	-.326
	.473	.025	.006	-.011	-.007	-.246	-.315	-.356	-.367
	.379	.026	.006	-.011	-.016	-.060	-.196	-.273	-.324
	.274	.024	.008	-.011	-.019	-.029	-.080	-.166	-.262
	.190								

Table 3. Continued

(v) $M_\infty = 2.16$; $\phi = -60^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
BODY	0								
	15	-.012	-.001	-.001	-.020	-.021	.000	.043	.086
	30	-.009	.003	.005	.007	.027	.067	.125	.185
	45	-.007	.003	.011	.028	.065	.118	.188	.265
	60	-.008	.002	.015	.042	.089	.150	.227	.317
	75	-.009	.003	.021	.053	.105	.172	.254	.350
	90								
	105	.014	.002	-.017	-.038	-.062	-.077	-.094	-.101
	120	.010	.001	-.019	-.048	-.071	-.054	-.021	.018
	135	.010	.004	-.015	-.051	-.102	-.110	-.100	-.078
	150	.000	.000	-.019	-.055	-.065	-.045	-.119	-.123
	165	-.007	-.002	-.017	-.043	-.060	-.079	-.101	-.118
	180	-.008	.000	-.012	-.034	-.069	-.083	-.105	-.112
	195	-.003	.002	-.008	-.030	-.094	-.093	-.110	-.114
	210	.005	.003	-.006	-.033	-.134	-.116	-.120	-.138
	225	.015	.006	-.004	-.024	-.042	-.103	-.111	-.130
	240	.020	.005	-.006	-.013	-.026	-.061	-.082	-.095
	255	.029	.009	-.004	-.018	-.021	-.042	-.074	-.085
	270								
	285	-.026	-.005	.009	-.002	-.064	-.087	-.115	-.129
	300	-.028	-.005	.006	.002	-.048	-.105	-.129	-.145
	315	-.027	-.003	.004	.000	-.042	-.130	-.148	-.155
	330	-.025	-.004	-.002	-.018	-.064	-.150	-.164	-.177
	345	-.020	-.003	-.004	-.039	-.117	-.134	-.123	-.110
WINDWARD WING	Y/S								
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.025	-.006	.012	.021	-.011	-.086	-.115	-.129
	.350	-.020	-.006	.014	.036	-.002	-.109	-.125	-.131
	.400	-.105	-.008	.015	.040	.066	-.056	-.106	-.120
	.425								
	.450	-.103	-.020	.020	.044	.069	.067	-.012	-.063
LEEWARD WING	.450	.026	-.001	-.090	-.139	-.160	-.166	-.160	-.151
	.425	.028	.003	-.085	-.139	-.157	-.163	-.157	-.148
	.400	.024	.000	-.064	-.150	-.173	-.179	-.176	-.170
	.350	.022	.000	-.019	-.116	-.188	-.189	-.185	-.180
	.300	.016	.000	-.020	-.041	-.087	-.109	-.104	-.089
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(v) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
BODY	0	-.026	-.007	-.002	-.014	-.067	-.094	-.079	-.059
	15	-.024	-.006	.001	-.010	-.050	-.027	.002	.038
	30	-.024	-.008	.003	.001	-.005	.034	.080	.134
	45	-.022	-.007	.006	.014	.034	.088	.149	.216
	60	-.023	-.010	.006	.025	.061	.125	.197	.275
	75	-.022	-.009	.011	.036	.081	.150	.228	.313
	90								
	105	.006	-.005	-.023	-.025	-.051	-.108	-.129	-.145
	120	.008	-.003	-.022	-.031	-.034	-.038	-.025	-.003
	135	.006	-.004	-.022	-.042	-.050	-.057	-.056	-.045
	150	.002	-.005	-.019	-.046	-.069	-.071	-.076	-.084
	165	.000	-.004	-.020	-.044	-.071	-.062	-.071	-.077
	180	-.001	-.005	-.022	-.042	-.076	-.064	-.075	-.076
	195	.004	-.003	-.021	-.041	-.065	-.067	-.087	-.093
	210	.006	-.004	-.021	-.049	-.078	-.067	-.089	-.098
	225	.006	-.007	-.022	-.050	-.075	-.083	-.102	-.112
	240	.009	-.007	-.019	-.031	-.048	-.083	-.095	-.106
	255	.012	-.006	-.019	-.031	-.042	-.079	-.092	-.107
	270								
	285	-.020	-.006	.007	.001	-.017	-.063	-.100	-.109
	300	-.023	-.007	.006	.009	-.003	-.074	-.098	-.108
	315	-.026	-.006	.006	.012	.000	-.044	-.085	-.101
	330	-.029	-.007	.002	.006	-.001	-.044	-.095	-.111
	345	-.029	-.007	-.001	-.008	-.015	-.086	-.139	-.144
WINDWARD WING	Y/S								
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
	.075								
	.150								
	.225								
	.300	-.020	-.007	.008	.016	.012	-.044	-.101	-.114
	.375	-.016	-.006	.011	.030	.001	-.096	-.137	-.144
	.450								
	.524	-.072	-.008	.011	.040	.077	.106	.091	.027
	.599								
	.637								
	.674	-.101	-.018	.015	.038	.059	.078	.080	.101
LEEWARD WING	.674	.014	-.012	-.089	-.133	-.165	-.175	-.175	-.175
	.637	.013	-.010	-.084	-.133	-.166	-.176	-.175	-.175
	.599	.013	-.007	-.074	-.134	-.164	-.176	-.175	-.176
	.524	.015	-.004	-.047	-.154	-.152	-.166	-.170	-.174
	.450	.013	-.006	-.023	-.133	-.182	-.185	-.189	-.190
	.375	.014	-.004	-.022	-.018	-.169	-.211	-.215	-.217
	.300	.012	-.003	-.021	-.021	-.045	-.091	-.108	-.125
	.225								
	.150								
	.075								

Table 3. Continued

(v) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
BODY	0	-.023	-.002	.005	-.001	-.013	-.099	-.094	-.072
	15	-.021	-.001	.006	.003	-.011	-.042	-.015	.025
	30	-.023	-.005	.006	.011	-.004	.021	.061	.117
	45	-.020	-.004	.010	.026	.028	.076	.133	.204
	60	-.019	-.007	.011	.034	.057	.114	.186	.267
	75	-.021	-.007	.012	.038	.075	.137	.213	.299
	90								
	105	.015	.002	-.012	-.016	-.029	-.088	-.127	-.147
	120	.013	.001	-.014	-.024	-.032	-.043	-.034	-.075
	135	.012	.001	-.017	-.036	-.050	-.043	-.030	-.006
	150	.010	.000	-.018	-.044	-.071	-.071	-.075	-.088
	165	.006	-.001	-.019	-.043	-.066	-.075	-.076	-.101
	180	.003	-.002	-.019	-.039	-.053	-.067	-.069	-.085
	195	.006	.000	-.017	-.036	-.048	-.064	-.069	-.081
	210	.013	.001	-.016	-.036	-.047	-.057	-.067	-.073
	225	.016	.000	-.016	-.044	-.060	-.059	-.072	-.073
	240	.015	-.002	-.017	-.028	-.054	-.064	-.078	-.077
	255	.017	-.002	-.020	-.024	-.047	-.059	-.072	-.069
	270								
	285	-.009	.003	.016	.020	.013	-.010	-.051	-.065
	300	-.015	.000	.013	.023	.021	-.016	-.074	-.080
	315	-.019	.000	.013	.024	.027	-.005	-.051	-.058
	330	-.023	-.001	.011	.022	.027	-.006	-.051	-.058
	345	-.022	-.001	.008	.011	.016	-.025	-.079	-.089
Y/S		CP FOR ALPHA, DEG =							
		-3.96	.05	3.97	7.97	12.02	16.02	20.06	24.01
WINDWARD WING	.190								
	.274	-.009	.004	.017	.027	.015	-.018	-.047	-.061
	.379	-.012	.001	.017	.025	-.021	-.080	-.100	-.103
	.473	-.007	.002	.021	.046	.053	-.009	-.072	-.080
	.569								
	.664	-.077	.001	.023	.046	.073	.109	.152	.142
	.759	-.089	-.001	.023	.045	.062	.090	.119	.160
	.806	-.084	-.001	.025	.046	.058	.081	.102	.131
	.854	-.083	-.004	.027	.045	.054	.070	.083	.105
LEEWARD WING	.854	.029	.002	-.074	-.116	-.141	-.166	-.170	-.173
	.806	.022	.000	-.075	-.119	-.145	-.173	-.175	-.178
	.759	.022	.002	-.070	-.121	-.146	-.168	-.171	-.172
	.664	.020	.001	-.037	-.142	-.152	-.164	-.168	-.170
	.569	.019	.000	-.015	-.142	-.173	-.167	-.172	-.174
	.473	.021	.002	-.010	-.017	-.179	-.191	-.193	-.196
	.379	.017	-.001	-.013	-.014	-.097	-.186	-.198	-.198
	.274	.016	.002	-.012	-.015	-.026	-.086	-.128	-.140
	.190								

Table 3. Continued

(w) $M_\infty = 2.40$; $\phi = -60^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
BODY	0								
	15	-.005	.007	.003	-.009	.000	.025	.067	.113
	30	-.005	.005	.007	.015	.040	.081	.141	.206
	45	-.002	.007	.016	.038	.075	.130	.204	.285
	60	-.003	.006	.021	.052	.097	.162	.244	.335
	75	-.002	.010	.029	.065	.115	.186	.272	.370
	90								
	105	.016	.007	-.013	-.033	-.036	-.035	-.046	-.051
	120	.010	.002	-.019	-.049	-.053	-.034	-.002	.040
	135	.010	.006	-.016	-.058	-.086	-.086	-.076	-.053
	150	.002	.004	-.019	-.053	-.068	-.095	-.110	-.121
	165	-.006	.001	-.018	-.041	-.056	-.082	-.100	-.114
	180	-.008	.000	-.014	-.033	-.063	-.084	-.103	-.111
	195	-.001	.003	-.008	-.031	-.093	-.094	-.108	-.118
	210	.010	.007	-.002	-.032	-.114	-.106	-.109	-.127
	225	.019	.009	.001	-.022	-.042	-.098	-.100	-.122
	240	.025	.009	.001	-.011	-.023	-.059	-.080	-.097
	255	.036	.015	.004	-.013	-.019	-.041	-.074	-.089
	270								
	285	-.020	.000	.015	-.002	-.059	-.086	-.106	-.117
	300	-.022	.000	.012	.003	-.051	-.109	-.116	-.130
	315	-.023	.000	.007	-.002	-.047	-.108	-.123	-.133
	330	-.019	.003	.003	-.019	-.070	-.119	-.138	-.142
	345	-.015	.003	-.001	-.049	-.092	-.098	-.086	-.073
	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.020	-.001	.018	.024	-.017	-.083	-.106	-.114
	.350	-.017	-.001	.022	.041	-.015	-.099	-.110	-.117
	.400	-.087	-.001	.023	.047	.061	-.043	-.093	-.097
	.425								
	.450	-.088	-.018	.026	.047	.071	.058	-.021	-.033
LEEWARD WING	.450	.029	.006	-.077	-.115	-.126	-.121	-.117	-.107
	.425	.030	.009	-.077	-.112	-.121	-.118	-.113	-.104
	.400	.030	.010	-.056	-.117	-.129	-.125	-.124	-.118
	.350	.027	.007	-.011	-.106	-.142	-.139	-.137	-.131
	.300	.020	.004	-.016	-.036	-.058	-.069	-.067	-.056
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(w) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
BODY	0	-.008	.010	.015	.000	-.057	-.055	-.033	-.006
	15	-.006	.011	.016	.002	-.014	.006	.041	.087
	30	-.002	.012	.020	.015	.029	.066	.116	.181
	45	-.002	.011	.023	.033	.063	.114	.179	.261
	60	-.001	.010	.025	.048	.090	.151	.228	.320
	75	-.003	.009	.028	.058	.105	.171	.254	.352
	90								
	105	.027	.017	.002	-.007	-.032	-.062	-.076	-.076
	120	.021	.011	-.006	-.019	-.023	-.014	.010	.049
	135	.023	.015	-.003	-.025	-.037	-.044	-.031	-.001
	150	.022	.016	-.002	-.029	-.050	-.057	-.069	-.076
	165	.018	.016	-.002	-.026	-.051	-.049	-.065	-.071
	180	.018	.016	.000	-.024	-.052	-.046	-.065	-.071
	195	.016	.013	-.003	-.028	-.052	-.059	-.075	-.082
	210	.022	.017	.001	-.031	-.051	-.054	-.074	-.085
	225	.025	.016	.003	-.027	-.054	-.066	-.079	-.093
	240	.028	.016	.004	-.009	-.031	-.064	-.082	-.086
	255	.030	.015	.003	-.006	-.024	-.058	-.082	-.087
	270								
	285	-.007	.009	.022	.015	-.008	-.054	-.075	-.078
	300	-.006	.012	.024	.025	.003	-.052	-.071	-.075
	315	-.009	.011	.023	.028	.003	-.038	-.065	-.074
	330	-.011	.010	.020	.022	.001	-.048	-.074	-.078
	345	-.006	.014	.020	.013	-.018	-.079	-.095	-.083
WINDWARD WING	Y/S								
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
	.075								
	.150								
	.225								
	.300	-.002	.015	.030	.038	.019	-.041	-.069	-.072
	.375	.003	.016	.034	.051	.002	-.081	-.095	-.092
	.450								
	.524	-.048	.013	.032	.056	.085	.115	.083	.043
	.599								
	.637								
	.674	-.075	.001	.037	.055	.070	.090	.098	.130
	.674	.041	.019	-.065	-.102	-.116	-.115	-.114	-.106
	.637	.039	.019	-.061	-.104	-.118	-.116	-.116	-.107
	.599	.039	.019	-.047	-.100	-.116	-.114	-.113	-.105
	.524	.032	.013	-.027	-.105	-.111	-.109	-.111	-.106
	.450	.036	.018	.001	-.105	-.126	-.118	-.121	-.116
	.375	.035	.018	.004	-.020	-.123	-.140	-.145	-.141
	.300	.027	.012	-.004	-.011	-.040	-.057	-.065	-.062
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued
(w) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
BODY	0	-.016	.002	.007	.000	-.034	-.075	-.057	-.033
	15	-.013	.005	.010	.005	-.035	-.019	.018	.059
	30	-.014	.002	.010	.013	.003	.036	.089	.148
	45	-.014	.001	.013	.024	.038	.084	.153	.231
	60	-.013	.000	.015	.034	.066	.122	.202	.294
	75	-.012	.003	.021	.044	.085	.150	.235	.333
	90								
	105	.022	.010	-.004	-.012	-.026	-.073	-.094	-.098
	120	.017	.005	-.012	-.022	-.023	-.019	-.016	-.032
	135	.017	.005	-.015	-.031	-.042	-.035	-.021	.013
	150	.016	.006	-.016	-.038	-.064	-.071	-.080	-.076
	165	.011	.004	-.017	-.040	-.063	-.075	-.086	-.114
	180	.010	.006	-.013	-.034	-.048	-.064	-.080	-.100
	195	.012	.006	-.011	-.032	-.045	-.061	-.075	-.092
	210	.014	.005	-.012	-.036	-.047	-.058	-.079	-.092
	225	.017	.005	-.011	-.043	-.056	-.058	-.079	-.092
	240	.022	.006	-.007	-.026	-.051	-.058	-.081	-.087
	255	.022	.005	-.011	-.023	-.047	-.055	-.077	-.078
	270								
	285	-.007	.004	.017	.016	.009	-.018	-.047	-.054
	300	-.013	.001	.012	.017	.008	-.038	-.062	-.063
	315	-.008	.010	.020	.028	.024	-.012	-.039	-.041
	330	-.016	.003	.013	.019	.017	-.016	-.047	-.050
	345	-.018	.000	.008	.007	.002	-.034	-.073	-.076
	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.03	4.02	7.98	11.98	15.99	19.97	23.98
WINDWARD WING	.190								
	.274	-.010	.003	.017	.021	.007	-.027	-.045	-.053
	.379	-.006	.006	.023	.024	-.022	-.070	-.080	-.084
	.473	-.006	.003	.021	.042	.045	-.027	-.062	-.063
	.569								
	.664	-.061	.003	.022	.041	.074	.107	.143	.138
	.759	-.075	.003	.023	.043	.067	.091	.114	.159
	.806	-.079	.001	.023	.044	.062	.080	.094	.136
LEEWARD WING	.854	-.080	-.003	.024	.044	.056	.068	.074	.108
	.854	.024	.005	-.076	-.106	-.123	-.131	-.132	-.128
	.806	.029	.010	-.061	-.103	-.121	-.128	-.129	-.123
	.759	.025	.006	-.055	-.103	-.121	-.128	-.128	-.124
	.664	.028	.008	-.032	-.101	-.112	-.121	-.123	-.118
	.569	.027	.008	-.014	-.106	-.116	-.114	-.119	-.116
	.473	.022	.003	-.010	-.077	-.136	-.138	-.143	-.142
	.379	.022	.004	-.009	-.011	-.105	-.148	-.152	-.147
	.274	.019	.006	-.009	-.015	-.027	-.072	-.098	-.096
	.190								

Table 3. Continued

(x) $M_\infty = 2.86$; $\phi = -60^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
BODY	0								
	15	-.002	.007	.003	-.001	.015	.041	.078	.125
	30	.005	.012	.016	.026	.057	.096	.149	.214
	45	.007	.012	.022	.045	.087	.137	.204	.285
	60	.005	.011	.026	.056	.107	.165	.241	.332
	75	.004	.012	.032	.066	.121	.183	.265	.362
	90								
	105	.021	.012	-.004	-.011	-.005	.005	.012	.013
	120	.019	.012	-.007	-.024	-.022	-.005	.024	.061
	135	.019	.016	-.003	-.037	-.049	-.046	-.034	-.016
	150	.005	.008	-.012	-.053	-.062	-.075	-.083	-.086
	165	-.005	.005	-.011	-.036	-.052	-.071	-.078	-.087
	180	-.002	.007	-.005	-.024	-.051	-.069	-.077	-.085
	195	.007	.010	.000	-.019	-.067	-.073	-.080	-.088
	210	.015	.009	.001	-.022	-.073	-.079	-.086	-.094
	225	.025	.011	.004	-.017	-.036	-.074	-.080	-.090
	240	.030	.010	.001	-.009	-.021	-.051	-.067	-.075
	255	.038	.012	.002	-.012	-.017	-.039	-.063	-.075
	270								
	285	-.015	.002	.013	-.004	-.052	-.074	-.080	-.082
	300	-.019	.001	.010	-.005	-.054	-.082	-.089	-.090
	315	-.014	.007	.011	-.004	-.046	-.075	-.083	-.085
	330	-.015	.005	.001	-.025	-.063	-.090	-.095	-.089
	345	-.009	.006	-.002	-.043	-.059	-.058	-.047	-.032
Y/S		CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.012	.004	.018	.019	-.026	-.068	-.075	-.076
	.350	-.023	.003	.020	.033	-.027	-.075	-.081	-.081
	.400	-.068	-.002	.020	.038	.044	-.039	-.063	-.053
	.425								
	.450	-.061	-.008	.027	.045	.066	.042	.008	.025
LEEWARD WING	.450	.039	.007	-.051	-.074	-.079	-.075	-.067	-.059
	.425	.036	.010	-.049	-.069	-.075	-.071	-.063	-.054
	.400	.029	.004	-.053	-.078	-.082	-.079	-.073	-.068
	.350	.026	.007	-.007	-.075	-.092	-.088	-.084	-.078
	.300	.024	.009	-.007	-.013	-.022	-.028	-.024	-.014
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(x) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
BODY	0	.001	.012	.013	-.016	-.033	-.022	-.002	.025
	15	.003	.013	.015	-.006	.006	.030	.064	.107
	30	.002	.011	.015	.013	.040	.076	.126	.186
	45	.004	.013	.020	.033	.073	.121	.185	.259
	60	.001	.009	.021	.046	.095	.150	.226	.311
	75	.003	.014	.028	.059	.112	.174	.257	.346
	90								
	105	.023	.008	-.005	-.015	-.016	-.029	-.037	-.038
	120	.028	.015	.000	-.015	-.009	.013	.041	.073
	135	.027	.014	-.004	-.026	-.039	-.029	-.007	.017
	150	.022	.013	-.006	-.030	-.052	-.060	-.064	-.053
	165	.020	.015	-.003	-.023	-.039	-.047	-.056	-.066
	180	.014	.012	-.005	-.026	-.044	-.047	-.063	-.071
	195	.017	.014	-.001	-.023	-.042	-.052	-.063	-.072
	210	.018	.012	-.002	-.030	-.045	-.056	-.068	-.081
	225	.016	.006	-.006	-.034	-.055	-.072	-.077	-.089
	240	.023	.008	-.002	-.012	-.037	-.064	-.075	-.080
	255	.026	.008	-.003	-.009	-.032	-.057	-.074	-.085
	270								
	285	-.002	.011	.022	.012	-.010	-.045	-.052	-.048
	300	-.006	.009	.018	.010	-.011	-.048	-.056	-.051
	315	-.004	.012	.020	.019	-.009	-.040	-.052	-.047
	330	-.004	.010	.016	.014	-.016	-.047	-.056	-.052
	345	-.002	.011	.013	.000	-.043	-.067	-.060	-.045
	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
WINDWARD WING	.075								
	.150								
	.225								
	.300	-.005	.009	.021	.026	-.007	-.044	-.054	-.049
	.375	-.001	.010	.025	.037	-.026	-.064	-.067	-.062
	.450								
	.524	-.047	.010	.026	.046	.076	.090	.058	.061
	.599								
	.637								
	.674	-.063	-.015	.029	.043	.059	.068	.079	.114
LEEWARD WING	.674	.037	.004	-.053	-.075	-.079	-.077	-.073	-.066
	.637	.037	.015	-.052	-.074	-.079	-.076	-.071	-.064
	.599	.036	.016	-.052	-.074	-.078	-.076	-.071	-.064
	.524	.037	.018	-.022	-.065	-.066	-.063	-.057	-.053
	.450	.032	.012	-.007	-.069	-.078	-.072	-.069	-.066
	.375	.032	.012	-.001	-.028	-.085	-.090	-.090	-.088
	.300	.032	.015	.000	-.009	-.016	-.022	-.019	-.017
	.225								
	.150								
	.075								

Table 3. Continued

(x) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
BODY	0	-.002	.017	.018	.005	-.037	-.033	-.014	.014
	15	-.001	.019	.022	.005	-.002	.020	.053	.095
	30	-.005	.014	.022	.011	.032	.067	.114	.173
	45	.000	.018	.031	.035	.069	.116	.178	.252
	60	.000	.017	.035	.051	.093	.150	.224	.310
	75	-.001	.017	.038	.062	.109	.173	.254	.346
	90								
	105	.031	.019	.006	-.001	-.018	-.035	-.040	-.039
	120	.027	.018	.002	-.008	-.006	.012	.028	.031
	135	.027	.016	-.002	-.020	-.028	-.016	.008	.040
	150	.026	.015	-.006	-.029	-.053	-.058	-.053	-.036
	165	.024	.015	-.005	-.027	-.048	-.059	-.070	-.091
	180	.020	.013	-.005	-.023	-.040	-.055	-.068	-.088
	195	.020	.013	-.002	-.021	-.035	-.049	-.063	-.083
	210	.025	.016	.002	-.020	-.034	-.045	-.063	-.080
	225	.025	.013	.000	-.030	-.040	-.047	-.064	-.080
	240	.025	.010	-.002	-.014	-.038	-.050	-.065	-.080
	255	.029	.014	.001	-.007	-.031	-.043	-.059	-.071
	270								
	285	.007	.017	.027	.023	.008	-.018	-.028	-.022
	300	.001	.013	.025	.024	.002	-.025	-.035	-.027
	315	.000	.015	.025	.028	.011	-.018	-.029	-.020
	330	-.001	.016	.024	.026	.012	-.021	-.027	-.021
	345	.003	.019	.022	.020	.002	-.031	-.041	-.038
	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.04	4.04	8.01	12.04	15.97	20.00	24.00
WINDWARD WING	.190								
	.274	.006	.018	.031	.034	.009	-.022	-.030	-.026
	.379	.001	.010	.026	.027	-.028	-.057	-.058	-.054
	.473	.004	.017	.033	.052	.043	-.022	-.030	-.024
	.569								
	.664	-.043	.015	.033	.050	.077	.105	.126	.149
	.759	-.061	.013	.031	.047	.067	.085	.109	.143
	.806	-.058	.013	.033	.047	.063	.078	.094	.128
	.854	-.058	-.006	.035	.048	.060	.069	.079	.109
LEEWARD WING	.854	.042	.012	-.050	-.071	-.074	-.072	-.070	-.065
	.806	.036	.016	-.057	-.077	-.080	-.078	-.077	-.072
	.759	.039	.020	-.043	-.072	-.075	-.072	-.071	-.066
	.664	.036	.017	-.017	-.061	-.070	-.070	-.067	-.062
	.569	.034	.016	-.008	-.055	-.060	-.060	-.058	-.056
	.473	.038	.021	.005	-.052	-.069	-.065	-.063	-.064
	.379	.034	.018	.005	-.007	-.076	-.086	-.084	-.081
	.274	.036	.023	.011	.003	-.012	-.030	-.037	-.034
	.190								

Table 3. Continued

(y) $M_\infty = 1.70$; $\phi = -90^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.02	4.03	8.01	11.99	16.03	19.97	23.99
BODY	0								
	15	.000	.005	-.006	-.045	-.098	-.099	-.237	-.236
	30	.003	.006	-.006	-.038	-.085	-.144	-.138	-.119
	45	.007	.008	-.003	-.019	-.053	-.060	-.030	.008
	60	.008	.006	.000	-.001	-.015	.013	.060	.120
	75	.013	.009	.009	.016	.021	.068	.129	.205
	90								
	105	.009	.002	.003	.007	.020	.059	.124	.199
	120	.004	-.001	-.003	-.007	-.015	.009	.058	.119
	135	.005	.005	-.002	-.020	-.047	-.057	-.028	.016
	150	.001	.002	-.009	-.044	-.088	-.149	-.149	-.129
	165	-.005	.001	-.011	-.049	-.098	-.080	-.218	-.235
	180	-.013	.001	-.008	-.039	-.066	-.052	-.118	-.160
	195	-.014	.003	-.001	-.019	-.032	-.061	-.103	-.146
	210	-.009	.006	.006	-.008	-.025	-.064	-.090	-.146
	225	-.002	.007	.008	-.007	-.036	-.061	-.096	-.139
	240	.003	.006	.007	-.016	-.087	-.142	-.106	-.143
	255	.011	.008	.010	.000	-.029	-.066	-.133	-.149
	270								
	285	.000	.000	.005	-.001	-.026	-.062	-.118	-.140
	300	-.003	-.001	.003	-.015	-.085	-.162	-.097	-.138
	315	-.006	.000	.000	-.012	-.046	-.091	-.104	-.150
	330	-.008	.002	-.001	-.013	-.034	-.085	-.118	-.167
	345	-.009	.003	-.004	-.024	-.040	-.065	-.129	-.178
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.02	4.03	8.01	11.99	16.03	19.97	23.99
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.003	-.002	.005	.007	-.010	-.043	-.142	-.171
	.350	-.004	-.003	.005	.011	-.006	-.039	-.154	-.275
	.400	-.007	-.006	.003	.011	.004	-.020	-.193	-.259
	.425								
	.450	-.004	-.002	.008	.017	.016	.006	-.171	-.249
	.450	.011	.002	.001	-.003	.006	.036	.083	.141
	.425	.012	.004	.001	.000	.008	.045	.100	.161
	.400	.013	.004	.002	.003	.013	.054	.111	.179
	.350	.014	.003	.002	.004	.016	.055	.113	.186
	.300	.011	.001	-.001	.004	.018	.059	.119	.193
	.250								
	.200								
	.150								
	.100								
	.050								
LEEWARD WING									

Table 3. Continued

(y) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.02	4.03	8.01	11.99	16.03	19.97	23.99
BODY	0	-.015	-.002	-.010	-.036	-.072	-.096	-.106	-.146
	15	-.012	-.002	-.011	-.041	-.089	-.171	-.201	-.228
	30	-.009	-.002	-.009	-.032	-.074	-.115	-.158	-.136
	45	-.007	-.002	-.007	-.020	-.038	-.040	-.047	-.007
	60	-.008	-.004	-.004	-.002	.004	.026	.058	.112
	75	-.006	-.004	.000	.012	.035	.071	.128	.192
	90								
	105	-.001	.001	.006	.018	.044	.068	.107	.178
	120	-.008	-.004	-.003	.000	.012	.031	.053	.120
	135	-.007	-.002	-.003	-.011	-.022	-.032	-.046	.000
	150	-.009	.000	-.003	-.021	-.055	-.094	-.155	-.128
	165	-.014	-.001	-.006	-.031	-.078	-.128	-.160	-.199
	180	-.016	-.001	-.006	-.025	-.065	-.087	-.079	-.105
	195	-.017	-.002	-.007	-.017	-.038	-.055	-.066	-.100
	210	-.012	.000	-.004	-.011	-.030	-.048	-.066	-.098
	225	-.006	.001	-.001	-.009	-.026	-.042	-.085	-.102
	240	-.005	.000	-.002	-.023	-.032	-.048	-.090	-.103
	255	-.003	-.002	-.001	-.012	-.038	-.063	-.101	-.125
	270								
	285	.000	-.004	-.004	-.017	-.046	-.071	-.136	-.229
	300	-.003	-.002	-.003	-.026	-.042	-.054	-.111	-.166
	315	-.006	-.001	-.004	-.014	-.034	-.045	-.119	-.156
	330	-.010	-.002	-.005	-.015	-.035	-.054	-.122	-.146
	345	-.012	.000	-.005	-.018	-.037	-.056	-.101	-.136
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.02	4.03	8.01	11.99	16.03	19.97	23.99
	.075								
	.150								
	.225								
	.300	.001	-.001	.000	-.007	-.038	-.077	-.143	-.211
	.375	.002	.001	.003	.002	-.040	-.080	-.140	-.222
	.450								
	.524	-.002	.000	.003	.009	.011	-.050	-.198	-.202
	.599								
	.637								
	.674	-.005	-.007	.001	.010	.017	.028	-.056	-.264
	.674	-.003	-.005	-.006	-.011	-.001	.007	.054	.102
	.637	.000	-.001	.000	.000	.013	.015	.061	.118
	.599	.000	-.001	.000	.002	.013	.017	.067	.130
	.524	.000	-.002	.000	.005	.018	.022	.073	.139
	.450	.002	.000	.003	.012	.031	.047	.090	.158
	.375	.002	.000	.003	.013	.037	.059	.097	.164
	.300	-.003	-.002	.000	.010	.035	.058	.097	.163
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(y) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.02	4.03	8.01	11.99	16.03	19.97	23.99
BODY	0	-.009	.003	-.005	-.026	-.050	-.072	-.081	-.128
	15	-.005	.005	-.004	-.028	-.062	-.117	-.158	-.208
	30	-.005	.003	-.005	-.024	-.048	-.098	-.147	-.131
	45	-.005	.002	-.002	-.011	-.021	-.044	-.041	.001
	60	-.006	.001	.000	.005	.014	.025	.055	.122
	75	-.004	-.001	.000	.012	.033	.060	.099	.172
	90								
	105	.007	.012	.016	.020	.038	.061	.101	.160
	120	.000	.006	.008	.008	.017	.039	.075	.127
	135	.000	.006	.004	-.006	-.017	-.019	-.007	.013
	150	-.002	.005	.001	-.022	-.047	-.085	-.108	-.126
	165	-.007	.005	-.003	-.032	-.065	-.124	-.172	-.186
	180	-.009	.006	.000	-.026	-.050	-.079	-.083	-.092
	195	-.008	.008	.004	-.012	-.025	-.041	-.055	-.085
	210	-.003	.007	.003	-.010	-.022	-.038	-.054	-.089
	225	.004	.007	.004	-.007	-.018	-.033	-.053	-.089
	240	.008	.008	.003	-.013	-.018	-.034	-.059	-.092
	255	.002	.006	-.001	-.013	-.025	-.040	-.065	-.098
	270								
	285	.009	.010	.005	-.008	-.017	-.047	-.133	-.168
	300	.006	.006	.001	-.016	-.025	-.048	-.097	-.166
	315	.007	.009	.006	-.004	-.017	-.042	-.074	-.124
	330	-.004	.005	.001	-.009	-.021	-.041	-.071	-.124
	345	-.009	.003	-.003	-.013	-.025	-.043	-.068	-.121
WINDWARD WING									
	.190								
	.274	.007	.010	.005	-.005	-.020	-.050	-.125	-.157
	.379	.007	.009	.007	.000	-.037	-.056	-.129	-.163
	.473	.006	.007	.006	.011	-.024	-.100	-.134	-.173
	.569								
	.664	.005	.005	.010	.013	.024	-.022	-.154	-.260
	.759	.003	.005	.009	.014	.023	.018	-.048	-.205
	.806	.002	.005	.008	.015	.021	.025	-.006	-.157
	.854	.000	.004	.008	.015	.019	.029	.026	-.108
LEEWARD WING									
	.854	.005	.009	.009	.002	.011	.016	.046	.088
	.806	.008	.013	.016	.011	.022	.032	.048	.097
	.759	.007	.011	.015	.010	.021	.031	.051	.104
	.664	.010	.012	.016	.013	.024	.038	.058	.115
	.569	.009	.008	.015	.013	.025	.043	.067	.129
	.473	.008	.005	.011	.012	.027	.046	.078	.140
	.379	.010	.008	.011	.013	.029	.052	.089	.149
	.274	.005	.011	.012	.015	.032	.054	.094	.153
	.190								

Table 3. Continued

(z) $M_\infty = 2.16$; $\phi = -90^\circ$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
BODY	0								
	15	-.010	-.001	-.012	-.055	-.121	-.137	-.130	-.117
	30	-.004	.001	-.010	-.046	-.077	-.076	-.051	-.025
	45	.000	.003	-.006	-.027	-.030	-.013	.030	.075
	60	.000	.002	-.003	-.007	.009	.044	.103	.165
	75	.004	.004	.002	.012	.042	.089	.161	.233
	90								
	105	.001	.001	-.001	.007	.038	.083	.151	.225
	120	-.003	-.002	-.007	-.008	.010	.043	.098	.160
	135	-.002	.001	-.006	-.024	-.027	-.005	.032	.078
	150	-.007	-.001	-.013	-.049	-.083	-.080	-.063	-.037
	165	-.013	-.002	-.014	-.056	-.116	-.134	-.134	-.122
	180	-.019	-.002	-.012	-.044	-.057	-.086	-.107	-.119
	195	-.018	-.001	-.005	-.024	-.044	-.075	-.093	-.108
	210	-.014	.001	.001	-.015	-.051	-.072	-.098	-.107
	225	-.009	.004	.004	-.012	-.076	-.087	-.102	-.109
	240	-.003	.003	.002	-.022	-.124	-.099	-.114	-.121
	255	.006	.007	.007	-.002	-.024	-.099	-.117	-.126
	270								
	285	-.008	-.005	-.001	-.010	-.024	-.091	-.115	-.125
	300	-.012	-.005	-.003	-.026	-.126	-.087	-.107	-.125
	315	-.015	-.003	-.004	-.019	-.081	-.081	-.110	-.124
	330	-.019	-.004	-.007	-.021	-.051	-.090	-.118	-.124
	345	-.020	-.003	-.010	-.031	-.050	-.092	-.119	-.128
Y/S		CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.008	-.006	-.001	.000	-.008	-.081	-.165	-.148
	.350	-.008	-.006	-.001	.003	-.007	-.088	-.169	-.197
	.400	-.008	-.008	-.003	.003	.001	-.079	-.173	-.193
	.425								
	.450	-.038	-.019	.000	.007	.010	-.045	-.184	-.187
LEEWARD WING	.450	.002	-.002	-.011	-.026	-.018	.008	.062	.129
	.425	.004	.002	.000	.002	.025	.064	.131	.199
	.400	.002	-.001	-.004	.003	.035	.074	.138	.209
	.350	.003	.000	-.003	.005	.038	.080	.145	.216
	.300	.001	-.002	-.005	.005	.038	.082	.149	.221
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(z) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
BODY	0	-.014	-.002	-.011	-.035	-.052	-.074	-.110	-.126
	15	-.010	-.001	-.011	-.042	-.068	-.125	-.142	-.129
	30	-.009	-.002	-.011	-.037	-.083	-.086	-.069	-.040
	45	-.008	-.003	-.007	-.025	-.043	-.020	.014	.059
	60	-.009	-.005	-.005	-.009	-.002	.039	.090	.153
	75	-.004	-.003	.001	.007	.030	.084	.145	.219
	90								
	105	-.002	-.001	.002	.006	.030	.075	.134	.201
	120	-.005	.001	-.001	-.005	.005	.041	.095	.157
	135	-.006	.001	-.004	-.014	-.037	-.018	.019	.062
	150	-.008	-.001	-.008	-.024	-.045	-.083	-.063	-.039
	165	-.012	-.001	-.008	-.030	-.052	-.108	-.124	-.121
	180	-.017	-.003	-.007	-.027	-.044	-.059	-.078	-.094
	195	-.016	-.001	-.005	-.016	-.038	-.051	-.067	-.080
	210	-.012	-.002	-.006	-.016	-.040	-.053	-.064	-.078
	225	-.010	-.003	-.008	-.020	-.035	-.063	-.081	-.087
	240	-.005	-.003	-.006	-.032	-.058	-.060	-.077	-.084
	255	-.002	-.004	-.004	-.015	-.046	-.067	-.094	-.100
	270								
	285	.001	-.001	.001	-.014	-.038	-.077	-.166	-.182
	300	-.003	-.001	-.002	-.031	-.049	-.073	-.107	-.123
	315	-.008	.000	-.003	-.016	-.032	-.071	-.102	-.121
	330	-.013	-.001	-.005	-.016	-.044	-.072	-.101	-.118
	345	-.015	-.001	-.008	-.019	-.042	-.070	-.099	-.117
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
	.075								
	.150								
	.225								
	.300	-.001	-.001	.002	-.008	-.031	-.086	-.148	-.171
	.375	.000	.000	.004	-.001	-.030	-.086	-.138	-.168
	.450								
	.524	-.003	.000	.005	.006	.009	-.086	-.129	-.163
	.599								
	.637								
	.674	-.023	-.005	.000	.003	.014	.014	-.099	-.185
	.674	.001	-.003	-.003	-.035	-.018	-.003	.038	.104
	.637	.001	-.001	-.003	-.003	.022	.059	.107	.145
	.599	.002	-.001	-.003	-.005	.015	.055	.107	.163
	.524	.003	.001	-.001	-.003	.017	.059	.113	.175
	.450	.002	.000	-.001	-.003	.018	.063	.120	.185
	.375	.001	.000	.002	.003	.025	.070	.128	.193
	.300	-.001	.001	.002	.006	.029	.073	.132	.197
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Continued

(z) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
BODY	0	-.013	-.001	-.010	-.026	-.040	-.058	-.088	-.125
	15	-.009	.000	-.009	-.034	-.068	-.101	-.132	-.129
	30	-.009	-.003	-.011	-.033	-.060	-.094	-.073	-.040
	45	-.008	-.001	-.007	-.019	-.023	-.025	.011	.063
	60	-.008	-.002	-.003	-.003	.010	.036	.088	.155
	75	-.003	-.001	.001	.011	.025	.072	.129	.204
	90								
	105	-.003	-.002	.002	.011	.032	.062	.119	.189
	120	-.009	-.004	-.002	.001	.015	.034	.090	.160
	135	-.008	-.004	-.006	-.012	-.018	-.024	.017	.069
	150	-.009	-.003	-.009	-.026	-.057	-.091	-.067	-.035
	165	-.012	-.003	-.010	-.035	-.076	-.111	-.120	-.119
	180	-.016	-.004	-.011	-.030	-.052	-.063	-.073	-.074
	195	-.017	-.003	-.007	-.018	-.033	-.048	-.065	-.062
	210	-.013	-.002	-.004	-.015	-.027	-.043	-.059	-.063
	225	-.009	-.003	-.004	-.014	-.026	-.044	-.066	-.064
	240	-.003	-.004	-.005	-.023	-.032	-.048	-.070	-.061
	255	.002	-.003	-.003	-.016	-.036	-.067	-.085	-.074
	270								
	285	.005	.001	.002	-.010	-.033	-.077	-.134	-.153
	300	.001	.001	-.002	-.021	-.033	-.068	-.130	-.133
	315	-.003	.002	-.002	-.010	-.025	-.061	-.092	-.120
	330	-.009	.000	-.004	-.011	-.025	-.055	-.083	-.116
	345	-.013	-.001	-.007	-.014	-.026	-.052	-.080	-.116
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	-.01	4.05	8.04	12.02	15.98	20.06	24.05
WINDWARD WING	.190								
	.274	.004	.001	.003	-.006	-.035	-.079	-.125	-.144
	.379	.000	-.002	.004	-.007	-.048	-.088	-.122	-.147
	.473	.000	-.001	.008	.008	-.036	-.132	-.137	-.151
	.569								
	.664	-.003	-.002	.007	.013	.015	-.031	-.156	-.181
	.759	-.006	-.004	.005	.010	.016	.012	-.099	-.162
	.806	-.007	-.003	.006	.011	.018	.024	-.055	-.155
	.854	-.013	-.005	.005	.010	.019	.029	-.003	-.155
LEEWARD WING	.854	.001	-.001	.000	-.013	-.037	-.023	.044	.082
	.806	.000	.000	-.001	-.003	.006	.035	.080	.136
	.759	.001	-.001	-.002	-.005	.011	.039	.077	.134
	.664	.000	-.001	.000	-.001	.005	.037	.086	.144
	.569	-.002	-.003	-.002	.000	.006	.040	.095	.158
	.473	-.001	-.001	.001	.005	.015	.049	.107	.175
	.379	-.002	-.003	-.001	.007	.023	.055	.112	.181
	.274	-.004	-.002	.000	.010	.029	.059	.116	.185
	.190								

Table 3. Continued

(aa) $M_\infty = 2.40$; $\phi = -90^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
BODY	0								
	15	-.005	.005	-.008	-.058	-.095	-.101	-.090	-.079
	30	-.001	.004	-.008	-.046	-.057	-.045	-.021	.004
	45	.004	.006	-.003	-.020	-.013	.015	.054	.099
	60	.005	.005	.001	.001	.025	.066	.121	.187
	75	.010	.008	.008	.022	.057	.110	.176	.258
	90								
	105	.007	.008	.007	.022	.055	.104	.166	.248
	120	.002	.003	-.001	.004	.027	.066	.116	.183
	135	.003	.007	-.001	-.014	-.005	.019	.052	.102
	150	-.002	.004	-.009	-.044	-.055	-.048	-.033	-.004
	165	-.009	.002	-.013	-.064	-.095	-.103	-.099	-.084
	180	-.015	.001	-.013	-.049	-.063	-.090	-.101	-.115
	195	-.013	.004	-.005	-.023	-.045	-.075	-.092	-.106
	210	-.008	.008	.003	-.012	-.047	-.074	-.090	-.103
	225	-.001	.011	.008	-.010	-.081	-.087	-.096	-.106
	240	.005	.010	.009	-.021	-.106	-.093	-.106	-.120
	255	.017	.016	.015	.000	-.028	-.100	-.105	-.126
	270								
	285	-.001	.000	.005	-.004	-.023	-.086	-.109	-.122
	300	-.005	.000	.003	-.024	-.104	-.088	-.106	-.124
	315	-.010	.000	.000	-.018	-.086	-.088	-.106	-.122
	330	-.013	.001	-.001	-.018	-.050	-.088	-.104	-.117
	345	-.014	.002	-.005	-.025	-.049	-.090	-.105	-.118
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.002	-.001	.005	.004	-.010	-.093	-.143	-.140
	.350	-.001	-.001	.006	.008	-.008	-.100	-.157	-.156
	.400	-.002	-.002	.004	.009	.000	-.105	-.156	-.163
	.425								
	.450	-.031	-.026	-.001	.009	.008	-.074	-.158	-.164
LEEWARD WING	.450	.010	.008	-.002	.005	.028	.053	.083	.145
	.425	.012	.011	.004	.013	.039	.074	.126	.213
	.400	.012	.011	.007	.021	.054	.100	.155	.233
	.350	.010	.008	.006	.022	.056	.104	.163	.241
	.300	.007	.006	.004	.020	.054	.105	.165	.245
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued
(aa) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
BODY	0	-.004	.006	-.005	-.029	-.051	-.083	-.105	-.115
	15	-.001	.006	-.005	-.039	-.084	-.111	-.101	-.081
	30	.002	.006	-.003	-.034	-.069	-.059	-.030	.005
	45	.002	.005	-.001	-.021	-.024	.001	.045	.101
	60	.003	.004	.002	-.004	.017	.057	.114	.191
	75	.005	.004	.005	.011	.044	.096	.161	.254
	90								
	105	.011	.012	.009	.018	.049	.093	.153	.240
	120	.005	.008	.003	.000	.019	.054	.108	.188
	135	.006	.010	.003	-.012	-.018	.004	.042	.101
	150	.005	.011	.003	-.021	-.058	-.053	-.032	.007
	165	.002	.012	.003	-.026	-.064	-.098	-.097	-.073
	180	-.003	.011	.002	-.019	-.044	-.063	-.076	-.085
	195	-.004	.009	.002	-.012	-.039	-.057	-.069	-.081
	210	.000	.011	.006	-.007	-.038	-.055	-.064	-.076
	225	.003	.012	.008	-.009	-.034	-.065	-.074	-.081
	240	.006	.011	.007	-.024	-.044	-.062	-.073	-.079
	255	.008	.009	.009	-.007	-.041	-.074	-.091	-.088
	270								
	285	.008	.006	.005	-.010	-.044	-.090	-.146	-.137
	300	.006	.007	.005	-.028	-.048	-.081	-.098	-.111
	315	.000	.007	.004	-.015	-.039	-.079	-.098	-.107
	330	-.004	.006	.002	-.013	-.043	-.076	-.099	-.104
	345	-.004	.008	.002	-.013	-.039	-.073	-.095	-.103
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
	.075								
	.150								
	.225								
	.300	.009	.008	.009	.001	-.033	-.092	-.135	-.133
	.375	.011	.009	.012	.008	-.034	-.090	-.128	-.127
	.450								
	.524	.007	.007	.010	.014	.003	-.093	-.128	-.143
	.599								
	.637								
	.674	-.036	-.012	.007	.013	.015	.011	-.116	-.144
LEEWARD WING	.674	.015	.013	-.005	-.003	.010	.030	.055	.129
	.637	.016	.012	.010	.013	.031	.059	.098	.178
	.599	.016	.013	.008	.014	.039	.076	.127	.199
	.524	.014	.010	.004	.010	.035	.075	.129	.207
	.450	.016	.012	.008	.013	.042	.084	.142	.222
	.375	.016	.012	.009	.016	.046	.089	.146	.231
	.300	.010	.009	.005	.013	.044	.087	.144	.230
	.225								
	.150								
	.075								

Table 3. Continued
(aa) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
BODY	0	-.006	.002	-.005	-.026	-.041	-.064	-.099	-.119
	15	-.002	.004	-.005	-.034	-.068	-.098	-.104	-.090
	30	-.002	.002	-.006	-.032	-.070	-.062	-.036	-.007
	45	-.002	.002	-.003	-.018	-.032	-.002	.040	.088
	60	-.004	.000	-.001	-.002	.009	.052	.110	.179
	75	.002	.002	.005	.012	.037	.085	.153	.231
	90								
	105	.007	.010	.011	.020	.036	.084	.139	.215
	120	.002	.007	.005	.006	.014	.056	.110	.182
	135	.002	.007	.001	-.010	-.019	.004	.042	.096
	150	.001	.006	-.002	-.025	-.051	-.058	-.036	-.001
	165	-.002	.005	-.006	-.032	-.074	-.103	-.101	-.088
	180	-.005	.005	-.004	-.023	-.051	-.064	-.070	-.084
	195	-.005	.006	-.001	-.012	-.033	-.053	-.061	-.076
	210	-.004	.007	.001	-.010	-.030	-.051	-.062	-.078
	225	-.001	.006	.001	-.011	-.027	-.052	-.066	-.079
	240	.004	.006	.001	-.019	-.029	-.055	-.064	-.073
	255	.008	.006	.004	-.014	-.035	-.080	-.077	-.079
	270								
	285	.010	.006	.005	-.012	-.040	-.080	-.125	-.129
	300	.003	.003	.000	-.027	-.042	-.072	-.111	-.124
	315	.003	.008	.005	-.011	-.028	-.060	-.091	-.112
	330	-.004	.004	-.001	-.015	-.032	-.059	-.092	-.112
	345	-.007	.003	-.003	-.018	-.033	-.059	-.091	-.112
	Y/S	CP FOR ALPHA, DEG =							
		-4.00	.00	4.02	7.97	12.00	16.01	19.97	24.05
WINDWARD WING	.190								
	.274	.008	.005	.005	-.009	-.041	-.081	-.121	-.129
	.379	.008	.006	.008	-.005	-.049	-.088	-.116	-.131
	.473	.007	.005	.007	.006	-.046	-.124	-.126	-.143
	.569								
	.664	.003	.005	.007	.011	.011	-.046	-.137	-.152
	.759	.002	.002	.007	.010	.016	.012	-.106	-.139
	.806	.000	-.001	.006	.010	.016	.024	-.081	-.138
	.854	-.020	-.007	.003	.008	.015	.028	-.040	-.139
LEEWARD WING	.854	.009	.011	.004	-.004	-.005	.033	.046	.097
	.806	.012	.013	.009	.010	.030	.063	.100	.155
	.759	.012	.011	.007	.007	.026	.062	.105	.163
	.664	.012	.012	.008	.007	.025	.065	.110	.173
	.569	.011	.010	.007	.008	.026	.068	.118	.186
	.473	.009	.007	.006	.009	.026	.071	.122	.195
	.379	.007	.006	.007	.014	.029	.077	.129	.204
	.274	.006	.008	.008	.016	.031	.079	.133	.208
	.190								

Table 3. Continued

(bb) $M_\infty = 2.86$; $\phi = -90^\circ$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
BODY	0								
	15	-.002	.007	-.007	-.047	-.063	-.061	-.052	-.038
	30	.004	.009	-.004	-.027	-.028	-.014	.005	.033
	45	.007	.010	.002	-.005	.008	.035	.069	.113
	60	.009	.009	.005	.012	.038	.079	.128	.187
	75	.015	.012	.012	.029	.065	.115	.174	.250
	90								
	105	.012	.009	.011	.029	.061	.109	.169	.240
	120	.007	.006	.005	.015	.038	.076	.126	.184
	135	.007	.009	.003	.001	.013	.037	.073	.115
	150	.001	.006	-.005	-.025	-.028	-.020	.000	.023
	165	-.005	.004	-.009	-.046	-.062	-.063	-.055	-.043
	180	-.012	.003	-.010	-.049	-.058	-.071	-.081	-.093
	195	-.010	.005	-.003	-.024	-.043	-.064	-.072	-.080
	210	-.006	.007	.003	-.013	-.042	-.064	-.072	-.080
	225	.000	.009	.007	-.010	-.063	-.071	-.076	-.083
	240	.007	.008	.009	-.015	-.071	-.078	-.087	-.093
	255	.015	.011	.012	-.004	-.031	-.078	-.087	-.096
	270								
	285	.005	.000	.003	-.005	-.028	-.072	-.087	-.095
	300	-.001	.000	.000	-.018	-.069	-.077	-.087	-.096
	315	-.004	.002	.000	-.015	-.064	-.074	-.084	-.092
	330	-.010	.002	-.003	-.018	-.048	-.072	-.082	-.091
	345	-.012	.004	-.006	-.026	-.050	-.072	-.080	-.090
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	.005	-.001	.004	.002	-.017	-.088	-.111	-.108
	.350	.007	.000	.004	.005	-.013	-.089	-.118	-.114
	.400	-.005	-.004	.001	.005	-.005	-.096	-.118	-.120
	.425								
	.450	-.012	-.012	-.004	.004	.005	-.061	-.118	-.119
LEEWARD WING	.450	.015	.005	.004	.017	.040	.068	.111	.152
	.425	.016	.007	.008	.022	.046	.075	.119	.168
	.400	.015	.006	.008	.023	.051	.089	.147	.218
	.350	.014	.008	.009	.028	.060	.108	.166	.234
	.300	.012	.006	.008	.026	.060	.108	.168	.239
	.250								
	.200								
	.150								
	.100								
	.050								

Table 3. Continued

(bb) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
BODY	0	.004	.009	-.003	-.024	-.050	-.066	-.086	-.096
	15	.008	.010	-.003	-.038	-.068	-.068	-.059	-.044
	30	.009	.010	-.002	-.035	-.039	-.023	-.003	.027
	45	.009	.010	.001	-.014	-.001	.028	.062	.109
	60	.009	.009	.003	.006	.030	.073	.122	.187
	75	.013	.012	.009	.022	.055	.108	.169	.244
	90								
	105	.013	.014	.011	.024	.057	.104	.167	.233
	120	.012	.013	.009	.012	.037	.076	.130	.188
	135	.011	.012	.006	-.007	.005	.031	.069	.111
	150	.009	.011	.003	-.026	-.030	-.020	.003	.028
	165	.008	.012	.003	-.026	-.057	-.061	-.050	-.037
	180	.002	.011	.002	-.019	-.044	-.051	-.061	-.077
	195	.000	.011	.004	-.009	-.033	-.043	-.056	-.067
	210	-.001	.010	.005	-.008	-.034	-.045	-.055	-.068
	225	-.001	.008	.005	-.011	-.034	-.057	-.063	-.072
	240	.004	.007	.006	-.022	-.036	-.054	-.063	-.071
	255	.008	.005	.007	-.006	-.035	-.066	-.079	-.078
	270								
	285	.008	.006	.007	-.004	-.038	-.076	-.104	-.103
	300	.004	.006	.005	-.023	-.044	-.067	-.081	-.095
	315	.001	.007	.004	-.012	-.038	-.063	-.080	-.092
	330	-.002	.007	.002	-.011	-.041	-.062	-.081	-.092
	345	.000	.009	.000	-.014	-.041	-.062	-.079	-.090
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
	.075								
	.150								
	.225								
	.300	.007	.007	.008	.002	-.034	-.077	-.102	-.105
	.375	.008	.007	.009	.008	-.037	-.079	-.100	-.105
	.450								
	.524	.008	.006	.009	.013	.003	-.072	-.100	-.110
	.599								
	.637								
	.674	-.023	-.018	-.004	.008	.013	.013	-.097	-.109
	.674	.012	.007	.005	.013	.027	.051	.089	.124
	.637	.015	.015	.011	.017	.034	.065	.112	.151
	.599	.017	.016	.015	.022	.045	.077	.129	.185
	.524	.017	.016	.016	.024	.051	.094	.145	.207
	.450	.016	.015	.012	.023	.051	.096	.152	.217
	.375	.017	.015	.012	.025	.056	.102	.161	.226
	.300	.015	.015	.011	.025	.057	.104	.165	.229
	.225								
	.150								
	.075								
LEEWARD WING									

Table 3. Concluded
(bb) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
BODY	0	.005	.012	.001	-.014	-.036	-.058	-.080	-.095
	15	.008	.014	.002	-.023	-.056	-.066	-.057	-.038
	30	.007	.013	.003	-.023	-.037	-.024	-.003	.030
	45	.007	.014	.008	-.007	.000	.030	.066	.115
	60	.005	.013	.012	.012	.035	.077	.129	.195
	75	.010	.015	.018	.028	.059	.108	.168	.240
	90								
	105	.015	.018	.024	.032	.062	.106	.165	.232
	120	.009	.016	.019	.018	.039	.079	.133	.200
	135	.010	.017	.015	.001	.005	.033	.074	.121
	150	.009	.016	.010	-.014	-.034	-.020	.006	.034
	165	.008	.016	.007	-.021	-.063	-.066	-.054	-.040
	180	.005	.014	.004	-.015	-.043	-.053	-.056	-.074
	195	.004	.014	.006	-.007	-.030	-.043	-.048	-.064
	210	.007	.015	.009	-.003	-.024	-.041	-.049	-.063
	225	.005	.010	.007	-.006	-.025	-.044	-.054	-.068
	240	.008	.008	.006	-.013	-.026	-.043	-.051	-.063
	255	.011	.010	.010	-.004	-.027	-.063	-.055	-.061
	270								
	285	.016	.012	.012	-.001	-.032	-.066	-.094	-.096
	300	.010	.009	.007	-.018	-.037	-.060	-.081	-.092
	315	.008	.011	.008	-.007	-.033	-.056	-.076	-.089
	330	.005	.011	.006	-.005	-.029	-.049	-.072	-.088
	345	.008	.012	.007	-.005	-.027	-.049	-.072	-.087
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.00	3.97	8.01	11.97	15.98	19.99	24.03
WINDWARD WING	.190								
	.274	.015	.013	.013	.003	-.032	-.067	-.091	-.095
	.379	.011	.008	.011	.003	-.045	-.075	-.091	-.098
	.473	.012	.012	.015	.015	-.036	-.094	-.097	-.103
	.569								
	.664	.009	.010	.011	.015	.015	-.040	-.093	-.104
	.759	.007	.009	.009	.012	.017	.010	-.081	-.094
	.806	-.018	.008	.010	.013	.018	.023	-.068	-.088
	.854	-.022	-.012	.007	.012	.018	.028	-.046	-.087
LEEWARD WING	.854	.020	.011	.006	.007	.027	.053	.091	.124
	.806	.019	.016	.014	.018	.036	.061	.099	.137
	.759	.019	.016	.016	.022	.048	.080	.120	.167
	.664	.018	.016	.016	.024	.050	.089	.133	.190
	.569	.016	.015	.015	.021	.049	.089	.139	.199
	.473	.016	.018	.018	.024	.054	.096	.151	.214
	.379	.015	.017	.021	.027	.058	.099	.157	.222
	.274	.016	.020	.025	.033	.060	.103	.162	.228
	.190								

Table 4. Configuration 2

(a) $M_\infty = 1.70$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
BODY	0	.000	.008	.021	.039	.041	.080	.158	.229
	15	.003	.012	.026	.046	.058	.071	.139	.209
	30	-.004	.008	.023	.045	.059	.036	.067	.128
	45	-.008	.008	.025	.046	.065	.051	-.023	.018
	60	-.015	.005	.026	.051	.079	.090	.028	.019
	75	-.018	.008	.033	.065	.093	.116	.110	.137
	90	-.032	.001	.031	.063	.085	.103	.112	.134
	105	-.038	.001	.033	.053	.082	.085	.066	.079
	120	-.050	-.007	.071	.057	.103	.110	.070	.089
	135	-.054	-.011	.033	.087	.136	.176	.270	.284
	150								
	165								
	180								
	195								
	210								
	225	-.049	-.004	.033	.086	.148	.201	.242	.330
	240	-.044	.000	.035	.069	.140	.167	.085	.113
	255	-.038	.007	.036	.054	.050	.037	.028	.062
	270	.010	.162	.178	.243	.376	.353	.375	.379
	285	-.020	.007	.030	.062	.094	.104	.114	.133
	300	-.015	.007	.023	.044	.078	.089	.063	.033
	315	-.011	.008	.019	.036	.052	.025	-.030	.008
	330	-.004	.011	.022	.038	.045	.017	.066	.124
	345	-.001	.011	.022	.039	.036	.065	.135	.202
Y/S		CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250	-.040	.005	.045	.098	.162	.213	.234	.270
	.300	-.040	.002	.042	.091	.148	.175	.130	.131
	.350	-.058	.003	.046	.098	.156	.171	.162	.145
	.400	-.186	.002	.049	.107	.177	.241	.302	.342
	.425	-.157	.001	.050	.111	.184	.263	.340	.412
	.450	-.156	-.007	.050	.113	.186	.272	.353	.442
LEEWARD WING	.450	.061	.008	-.125	-.193	-.240	-.264	-.273	-.310
	.425	.055	.005	-.139	-.203	-.248	-.266	-.275	-.310
	.400	.056	.010	-.143	-.204	-.244	-.265	-.277	-.309
	.350	.051	.010	-.031	-.252	-.277	-.292	-.301	-.324
	.300	.048	.008	-.010	-.097	-.259	-.336	-.331	-.336
	.250	.046	.007	-.017	-.054	-.148	-.254	-.304	-.317
	.200	.048	.011	-.013	-.045	-.097	-.161	-.252	-.274
	.150	.048	.012	-.012	-.043	-.081	-.104	-.202	-.231
	.100	.042	.007	-.017	-.046	-.074	-.088	-.175	-.204
	.050	.045	.012	-.012	-.037	-.065	-.079	-.150	-.176

Table 4. Continued

(a) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
BODY	0	-.011	.013	.039	.081	.142	.187	.259	.326
	15	-.012	.013	.039	.082	.137	.184	.250	.318
	30	-.013	.015	.042	.084	.132	.180	.243	.300
	45	-.014	.016	.045	.089	.133	.184	.242	.303
	60	-.017	.015	.046	.092	.137	.194	.253	.322
	75	-.020	.014	.046	.093	.136	.195	.250	.318
	90	-.023	.013	.047	.095	.135	.193	.245	.307
	105	-.023	.015	.047	.080	.109	.142	.142	.214
	120	-.023	.012	.052	.109	.153	.232	.300	.353
	135	-.027	.008	.047	.100	.144	.206	.274	.345
	150								
	165								
	180								
	195								
	210								
	225								
	240	-.020	.017	.054	.107	.153	.225	.305	.382
	255	-.021	.017	.048	.071	.109	.148	.156	.203
	270	.010	.163	.178	.243	.376	.354	.376	.379
	285	-.025	.012	.042	.085	.132	.187	.236	.309
	300	-.020	.014	.043	.084	.134	.192	.246	.318
	315	-.019	.012	.038	.076	.124	.179	.232	.297
	330	-.018	.011	.037	.075	.124	.175	.235	.293
	345	-.012	.015	.040	.081	.138	.185	.259	.317
	Y/S	CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
WINDWARD WING	.075								
	.150								
	.225	-.020	.016	.052	.104	.150	.210	.272	.342
	.300	-.019	.017	.053	.105	.150	.212	.281	.353
	.375	-.016	.017	.054	.106	.145	.185	.233	.275
	.450	-.017	.014	.053	.105	.160	.213	.273	.343
	.524	-.107	.014	.057	.110	.176	.253	.335	.437
	.599	-.154	.013	.061	.114	.184	.263	.349	.458
	.637	-.128	.010	.062	.116	.185	.261	.345	.449
	.674	-.122	.011	.069	.121	.186	.258	.336	.434
LEEWARD WING	.674	.076	.022	-.102	-.187	-.244	-.293	-.298	-.328
	.637	.068	.019	-.109	-.194	-.249	-.297	-.304	-.330
	.599	.064	.020	-.122	-.195	-.244	-.287	-.307	-.332
	.524	.055	.014	-.090	-.272	-.276	-.297	-.328	-.347
	.450	.056	.018	.000	-.140	-.283	-.339	-.363	-.369
	.375	.054	.018	-.008	-.053	-.169	-.266	-.337	-.361
	.300	.047	.011	-.018	-.049	-.113	-.195	-.278	-.325
	.225	.051	.016	-.014	-.045	-.085	-.146	-.212	-.268
	.150	.049	.014	-.015	-.047	-.079	-.128	-.173	-.220
	.075	.049	.015	-.013	-.046	-.077	-.121	-.153	-.186

Table 4. Continued

(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
BODY	0	-.013	.013	.042	.085	.139	.204	.291	.380
	15	-.013	.014	.044	.086	.141	.207	.290	.372
	30	-.018	.012	.043	.084	.139	.207	.282	.352
	45	-.021	.009	.041	.083	.140	.206	.279	.342
	60	-.025	.006	.038	.082	.140	.205	.277	.343
	75	-.024	.008	.040	.084	.141	.206	.275	.337
	90	-.028	.004	.036	.078	.135	.195	.260	.316
	105	-.029	.004	.037	.072	.116	.164	.215	.251
	120	-.039	-.008	.031	.075	.130	.200	.274	.327
	135								
	150								
	165								
	180								
	195								
	210								
	225								
	240	-.026	.007	.046	.095	.153	.225	.301	.394
	255								
	270	-.027	.007	.041	.087	.142	.204	.272	.351
	285	-.025	.011	.043	.092	.148	.210	.284	.364
	300	-.026	.008	.040	.087	.145	.206	.283	.363
	315	-.019	.015	.047	.092	.153	.211	.289	.369
	330	-.018	.012	.041	.085	.144	.203	.281	.359
	345	-.015	.012	.041	.085	.140	.203	.286	.370
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.02	.02	3.96	8.02	12.04	16.00	20.05	24.07
	.190								
	.274	-.025	.008	.045	.093	.150	.213	.286	.368
	.379	-.021	.012	.050	.099	.149	.196	.266	.338
	.473								
	.569	-.015	.013	.053	.112	.180	.251	.335	.430
	.664	-.137	.011	.055	.109	.179	.256	.344	.442
	.759	-.140	.011	.060	.111	.181	.255	.340	.434
	.806	-.123	.010	.063	.112	.179	.252	.331	.422
	.854	-.120	.009	.065	.114	.177	.247	.319	.405
	.854	.072	.012	-.109	-.192	-.255	-.299	-.327	-.346
	.806	.070	.015	-.110	-.195	-.258	-.300	-.340	-.350
	.759	.069	.017	-.136	-.191	-.246	-.289	-.341	-.352
	.664	.066	.018	-.103	-.268	-.265	-.294	-.338	-.370
	.569	.063	.018	-.001	-.162	-.298	-.349	-.373	-.401
	.473	.058	.014	-.012	-.062	-.193	-.285	-.352	-.377
	.379	.058	.015	-.014	-.046	-.120	-.208	-.286	-.322
	.274	.059	.016	-.014	-.047	-.095	-.161	-.224	-.267
	.190	.055	.015	-.017	-.050	-.088	-.141	-.185	-.225
LEEWARD WING									

Table 4. Continued

(b) $M_\infty = 2.16$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
BODY	0	-.002	.005	.008	.016	.053	.104	.175
	15	-.005	.004	.010	.014	.043	.091	.156
	30	-.006	.007	.017	.022	.023	.056	.109
	45	-.010	.007	.022	.038	.029	-.001	.036
	60	-.018	.004	.024	.050	.048	-.009	-.030
	75	-.025	.003	.030	.057	.051	.060	.071
	90	-.029	.004	.035	.060	.052	.064	.083
	105	-.034	.003	.032	.028	.065	.041	.061
	120	-.040	-.002	.032	.071	.085	.060	.049
	135	-.045	-.004	.041	.096	.114	.158	.164
	150							
	165							
	180							
	195							
	210							
	225	-.051	-.004	.037	.092	.128	.163	.185
	240	-.050	-.002	.031	.071	.113	.082	.075
	255	-.044	.000	.031	.024	.040	.002	.040
	270	.043	.045	.074	.112	.111	.346	.467
	285	-.028	-.001	.022	.049	.046	.054	.076
	300	-.021	-.002	.015	.033	.034	-.020	-.028
	315	-.013	.002	.013	.012	-.013	-.008	.034
	330	-.010	.002	.007	.001	.010	.047	.105
	345	-.005	.004	.007	.010	.040	.088	.156
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
	.050							
	.100							
	.150							
	.200							
	.250	-.049	-.003	.039	.094	.132	.166	.176
	.300	-.045	-.001	.042	.092	.121	.110	.111
	.350	-.075	-.003	.043	.094	.119	.136	.149
	.400	-.147	-.005	.048	.104	.157	.224	.301
	.425	-.138	-.003	.054	.113	.175	.252	.338
	.450	-.132	-.010	.055	.114	.183	.263	.349
LEEWARD WING	.450	.052	.007	-.105	-.149	-.171	-.182	-.199
	.425	.048	.007	-.115	-.162	-.177	-.180	-.197
	.400	.043	.006	-.122	-.166	-.186	-.188	-.201
	.350	.039	.007	-.079	-.181	-.187	-.200	-.210
	.300	.036	.006	-.010	-.112	-.203	-.214	-.216
	.250	.038	.010	-.013	-.045	-.146	-.203	-.199
	.200	.033	.006	-.018	-.043	-.089	-.162	-.179
	.150	.029	.003	-.020	-.043	-.068	-.115	-.155
	.100	.029	.004	-.019	-.040	-.051	-.087	-.132
	.050	.028	.002	-.020	-.038	-.050	-.080	-.118

Table 4. Continued

(b) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
BODY	0	-.019	.002	.027	.058	.085	.120	.173
	15	-.020	.002	.027	.057	.087	.121	.170
	30	-.025	-.001	.025	.056	.089	.121	.162
	45	-.026	.000	.027	.064	.099	.138	.180
	60	-.030	-.003	.024	.062	.102	.147	.200
	75	-.030	-.002	.027	.064	.105	.148	.204
	90	-.037	-.008	.020	.055	.088	.135	.192
	105	-.037	-.008	.015	.041	.057	.078	.112
	120	-.029	.001	.034	.086	.139	.219	.274
	135	-.032	-.002	.032	.079	.125	.183	.241
	150							
	165							
	180							
	195							
	210							
	225							
	240	-.032	-.003	.030	.078	.126	.194	.278
	255	-.033	-.002	.024	.046	.067	.084	.123
	270	.038	.041	.070	.108	.107	.343	.468
	285	-.027	.003	.031	.067	.109	.154	.209
	300	-.028	.000	.027	.063	.107	.153	.205
	315	-.024	.002	.028	.061	.103	.140	.177
	330	-.023	.001	.027	.056	.089	.119	.158
	345	-.022	.000	.024	.054	.082	.114	.166
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
	.075							
	.150							
	.225	-.031	-.001	.032	.079	.126	.180	.245
	.300	-.032	-.002	.031	.076	.123	.183	.250
	.375	-.028	.000	.034	.078	.111	.158	.198
	.450	-.025	.002	.037	.084	.135	.196	.256
	.524	-.131	.002	.042	.092	.159	.233	.317
	.599	-.127	.001	.046	.098	.168	.244	.332
	.637	-.117	.001	.050	.103	.173	.247	.333
	.674	-.112	-.007	.049	.102	.168	.239	.320
	.674	.052	.003	-.104	-.151	-.183	-.201	-.222
	.637	.049	.003	-.114	-.166	-.197	-.214	-.220
	.599	.045	.002	-.119	-.167	-.197	-.218	-.222
	.524	.046	.007	-.113	-.175	-.193	-.211	-.223
	.450	.035	.001	-.018	-.163	-.222	-.230	-.237
	.375	.034	.001	-.021	-.069	-.173	-.217	-.240
	.300	.036	.003	-.021	-.047	-.106	-.169	-.208
	.225	.034	.002	-.025	-.049	-.081	-.130	-.173
	.150	.033	.001	-.026	-.049	-.073	-.107	-.136
	.075	.034	.003	-.022	-.047	-.069	-.095	-.108
LEEWARD WING								

Table 4. Continued

(b) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
BODY	0	-.017	.003	.031	.070	.117	.176	.241
	15	-.020	.003	.031	.072	.117	.173	.237
	30	-.026	-.002	.026	.068	.113	.166	.231
	45	-.024	.001	.031	.071	.117	.172	.242
	60	-.026	.000	.031	.070	.116	.173	.243
	75	-.027	.000	.031	.068	.114	.170	.238
	90	-.027	.001	.030	.065	.111	.165	.232
	105	-.032	-.004	.027	.062	.085	.130	.175
	120	-.034	-.005	.033	.076	.132	.197	.279
	135							
	150							
	165							
	180							
	195							
	210							
	225							
	240	-.025	.004	.040	.084	.138	.200	.275
	255							
	270	-.022	.007	.037	.072	.117	.169	.237
	285	-.024	.005	.035	.076	.120	.172	.241
	300	-.024	.005	.034	.075	.122	.172	.246
	315	-.025	.003	.030	.071	.120	.169	.241
	330	-.021	.005	.032	.070	.120	.167	.237
	345	-.016	.007	.035	.072	.120	.173	.241
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =						
		-3.95	.04	4.02	8.01	12.95	16.01	19.99
	.190							
	.274	-.022	.006	.042	.086	.135	.192	.263
	.379	-.024	.004	.040	.084	.121	.171	.233
	.473							
	.569	-.024	.006	.045	.092	.149	.220	.304
	.664	-.140	.008	.050	.100	.159	.235	.321
	.759	-.114	.004	.050	.102	.159	.234	.317
	.806	-.107	.004	.053	.105	.162	.236	.314
	.854	-.099	.002	.057	.108	.163	.232	.307
	.854	.058	.008	-.097	-.142	-.176	-.197	-.215
	.806	.055	.008	-.103	-.161	-.194	-.215	-.221
	.759	.050	.005	-.114	-.166	-.198	-.219	-.231
	.664	.049	.007	-.121	-.173	-.197	-.212	-.236
	.569	.045	.005	-.014	-.178	-.221	-.226	-.246
	.473	.048	.010	-.010	-.072	-.171	-.217	-.237
	.379	.044	.008	-.017	-.046	-.113	-.175	-.205
	.274	.045	.010	-.017	-.042	-.081	-.129	-.165
	.190	.041	.006	-.020	-.044	-.075	-.111	-.137
LEEWARD WING								

Table 4. Continued

(c) $M_\infty = 2.40$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
BODY	0	.050	.007	.007	.021	.063	.114	.189	.269
	15	.047	.008	.012	.018	.056	.104	.176	.248
	30	.036	.010	.018	.014	.033	.071	.130	.190
	45	.019	.010	.026	.029	.005	.020	.061	.104
	60	.001	.008	.031	.047	.027	-.025	-.014	.010
	75	.014	.009	.037	.056	.051	.050	.067	.095
	90	.011	.009	.039	.055	.049	.055	.079	.110
	105	.003	.007	.035	.025	.067	.051	.056	.090
	120	-.005	.004	.040	.070	.078	.059	.043	.068
	135	.012	.001	.048	.093	.108	.133	.167	.204
	150								
	165								
	180								
	195								
	210								
	225	.014	.000	.042	.093	.121	.146	.175	.200
	240	-.007	.001	.035	.072	.099	.073	.080	.131
	255	-.007	.004	.034	.022	.053	.028	.043	.080
	270	.150	.073	.062	.070	.122	.071	.083	.098
	285	.013	.004	.025	.046	.037	.038	.057	.092
	300	-.001	.003	.015	.028	-.005	-.033	-.023	.004
	315	.017	.005	.009	.001	-.010	.013	.051	.096
	330	.033	.005	.005	.002	.026	.064	.119	.182
	345	.046	.006	.006	.016	.054	.101	.169	.245
Y/S		CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250	.014	.002	.044	.095	.125	.149	.166	.191
	.300	.002	.003	.044	.090	.102	.097	.103	.136
	.350	-.019	.003	.048	.094	.109	.133	.158	.177
	.400	-.030	.001	.051	.103	.165	.228	.303	.377
	.425	-.020	.002	.057	.111	.186	.254	.337	.423
	.450	-.013	-.012	.060	.114	.195	.263	.347	.437
LEEWARD WING	.450	.022	-.013	-.101	-.131	-.151	-.159	-.176	-.187
	.425	.021	.000	-.104	-.140	-.154	-.156	-.172	-.184
	.400	.017	.003	-.114	-.146	-.163	-.162	-.176	-.186
	.350	.013	.004	-.105	-.153	-.162	-.170	-.180	-.191
	.300	.008	.004	-.014	-.117	-.169	-.178	-.187	-.196
	.250	.011	.006	-.012	-.044	-.142	-.176	-.179	-.191
	.200	.013	.005	-.015	-.036	-.092	-.150	-.166	-.179
	.150	.016	.005	-.015	-.035	-.065	-.114	-.144	-.160
	.100	.017	.002	-.016	-.036	-.048	-.088	-.126	-.142
	.050	.021	.004	-.015	-.031	-.045	-.078	-.115	-.132

Table 4. Continued

(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
BODY	0	.038	.004	.026	.052	.075	.107	.177	.259
	15	.036	.005	.027	.053	.078	.103	.164	.240
	30	.032	.004	.028	.054	.081	.101	.141	.196
	45	.034	.004	.031	.060	.093	.119	.168	.221
	60	.035	.002	.031	.061	.101	.135	.195	.263
	75	.035	.003	.034	.064	.104	.137	.197	.266
	90	.030	.001	.029	.060	.090	.126	.185	.252
	105	.014	.000	.028	.046	.052	.074	.112	.167
	120	.043	.004	.044	.087	.144	.210	.271	.338
	135	.038	.003	.043	.084	.128	.182	.237	.315
	150								
	165								
	180								
	195								
	210								
	225								
	240	.044	.003	.037	.082	.133	.188	.266	.348
	255	.015	.002	.028	.047	.052	.070	.108	.162
	270	.145	.067	.057	.064	.116	.066	.078	.092
	285	.034	.004	.032	.062	.101	.137	.194	.263
	300	.035	.002	.029	.059	.100	.136	.194	.262
	315	.032	.003	.028	.057	.092	.118	.165	.219
	330	.031	.003	.025	.052	.077	.094	.128	.194
	345	.035	.003	.025	.052	.073	.096	.157	.235
	Y/S	CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
WINDWARD WING	.075								
	.150								
	.225	.039	.003	.038	.080	.128	.172	.238	.309
	.300	.039	.002	.038	.080	.127	.175	.243	.318
	.375	.033	.004	.039	.081	.111	.144	.185	.237
	.450	.041	.003	.040	.085	.136	.192	.265	.335
	.524	-.027	.004	.044	.093	.160	.233	.330	.423
	.599	-.016	.001	.047	.098	.169	.245	.341	.438
	.637	-.009	.002	.052	.103	.175	.248	.342	.438
	.674	-.008	-.004	.052	.103	.173	.243	.331	.424
LEEWARD WING	.674	.019	-.005	-.099	-.133	-.161	-.174	-.195	-.198
	.637	.016	.000	-.104	-.144	-.171	-.180	-.195	-.199
	.599	.012	.000	-.112	-.151	-.174	-.185	-.194	-.199
	.524	.010	.003	-.118	-.152	-.171	-.185	-.196	-.200
	.450	.004	.001	-.033	-.157	-.186	-.195	-.205	-.209
	.375	.004	.002	-.016	-.074	-.161	-.191	-.204	-.204
	.300	.008	.003	-.019	-.046	-.111	-.160	-.185	-.189
	.225	.013	.002	-.020	-.045	-.083	-.126	-.161	-.173
	.150	.018	.002	-.022	-.045	-.072	-.104	-.139	-.159
	.075	.023	.003	-.020	-.043	-.068	-.093	-.120	-.149

Table 4. Continued
(c) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
BODY	0	.049	.007	.032	.067	.111	.161	.234	.319
	15	.047	.007	.034	.069	.112	.161	.235	.315
	30	.043	.004	.031	.066	.111	.159	.230	.304
	45	.045	.005	.033	.067	.117	.168	.242	.314
	60	.043	.004	.032	.067	.118	.169	.245	.322
	75	.042	.004	.033	.067	.118	.167	.241	.318
	90	.041	.004	.028	.060	.112	.158	.231	.307
	105	.028	.001	.032	.061	.093	.129	.181	.236
	120	.045	.000	.035	.075	.144	.208	.292	.374
	135								
	150								
	165								
	180								
	195								
	210								
	225								
	240	.050	.004	.040	.077	.142	.205	.283	.371
	255								
	270	.043	.009	.034	.061	.111	.161	.228	.310
	285	.044	.008	.036	.069	.116	.167	.236	.321
	300	.045	.007	.034	.069	.118	.169	.242	.325
	315	.045	.007	.034	.069	.116	.168	.238	.319
	330	.046	.008	.033	.068	.111	.161	.227	.308
	345	.050	.008	.034	.068	.111	.161	.231	.316
Y/S		CP FOR ALPHA, DEG =							
		-1.53	-.03	4.02	7.90	12.02	15.98	20.03	23.98
WINDWARD WING	.190								
	.274	.049	.006	.040	.078	.137	.196	.266	.351
	.379	.044	.005	.039	.078	.124	.174	.236	.312
	.473								
	.569	.052	.006	.044	.089	.151	.224	.312	.413
	.664	-.025	.008	.049	.096	.162	.236	.326	.431
	.759	-.007	.006	.051	.097	.164	.235	.323	.426
	.806	-.002	.006	.054	.101	.167	.235	.320	.420
.854	.002	.005	.058	.106	.170	.233	.314	.409	
LEEWARD WING	.854	.025	.002	-.089	-.127	-.154	-.170	-.188	-.197
	.806	.022	.005	-.093	-.134	-.166	-.180	-.190	-.197
	.759	.017	.004	-.101	-.147	-.175	-.190	-.197	-.202
	.664	.014	.006	-.119	-.148	-.172	-.186	-.200	-.204
	.569	.009	.006	-.038	-.163	-.183	-.192	-.204	-.209
	.473	.011	.009	-.007	-.081	-.163	-.192	-.202	-.202
	.379	.014	.007	-.014	-.045	-.114	-.162	-.183	-.185
	.274	.021	.008	-.016	-.041	-.080	-.125	-.154	-.165
.190	.023	.008	-.017	-.042	-.073	-.107	-.135	-.156	

Table 4. Continued

(d) $M_\infty = 2.86$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
BODY	0	.007	.009	.011	.032	.071	.122	.186	.265
	15	.006	.011	.014	.029	.065	.114	.174	.248
	30	.003	.012	.016	.019	.045	.084	.133	.195
	45	-.001	.012	.022	.015	.015	.041	.075	.120
	60	-.009	.011	.028	.035	-.002	-.008	.010	.037
	75	-.014	.012	.034	.048	.042	.035	.046	.069
	90	-.021	.010	.036	.048	.046	.046	.061	.090
	105	-.025	.010	.034	.030	.047	.042	.051	.078
	120	-.033	.005	.037	.060	.058	.041	.047	.071
	135	-.035	.004	.046	.084	.101	.113	.126	.155
	150								
	165								
	180								
	195								
	210								
	225	-.040	.004	.042	.087	.108	.122	.143	.181
	240	-.041	.003	.033	.059	.073	.074	.096	.126
	255	-.033	.007	.032	.024	.040	.037	.052	.078
	270	.102	.104	.084	.068	.134	.079	.101	.123
	285	-.016	.008	.024	.036	.022	.018	.038	.067
	300	-.010	.006	.014	.012	-.020	-.015	.005	.032
	315	-.003	.008	.010	.000	.008	.034	.070	.114
	330	.001	.008	.008	.015	.039	.077	.128	.189
	345	.005	.009	.010	.028	.063	.110	.171	.245
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
	.050								
	.100								
	.150								
	.200								
	.250	-.039	.005	.043	.087	.108	.121	.138	.171
	.300	-.036	.005	.042	.081	.082	.079	.091	.118
	.350	-.081	.005	.045	.086	.102	.131	.162	.203
	.400	-.097	.000	.047	.096	.152	.220	.285	.365
	.425	-.094	-.010	.053	.106	.169	.244	.314	.403
	.450	-.088	-.015	.053	.110	.177	.252	.323	.414
	.450	.052	-.005	-.077	-.101	-.110	-.119	-.126	-.134
	.425	.049	.003	-.074	-.101	-.110	-.116	-.123	-.130
	.400	.045	.010	-.080	-.108	-.118	-.119	-.126	-.133
	.350	.041	.010	-.071	-.111	-.117	-.124	-.127	-.134
	.300	.038	.009	-.008	-.110	-.120	-.127	-.130	-.136
	.250	.038	.010	-.008	-.039	-.113	-.128	-.129	-.135
	.200	.037	.009	-.010	-.028	-.078	-.118	-.121	-.131
	.150	.036	.009	-.010	-.027	-.052	-.098	-.108	-.119
	.100	.033	.008	-.011	-.027	-.039	-.080	-.098	-.107
	.050	.035	.008	-.009	-.023	-.034	-.069	-.090	-.098
LEEWARD WING									

Table 4. Continued

(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
BODY	0	.009	.023	.039	.056	.080	.131	.196	.273
	15	.007	.024	.041	.059	.080	.122	.184	.256
	30	.003	.023	.042	.061	.078	.095	.142	.202
	45	.001	.023	.044	.068	.090	.102	.126	.164
	60	-.003	.020	.044	.072	.102	.133	.177	.234
	75	-.004	.020	.046	.074	.106	.139	.181	.239
	90	-.010	.018	.043	.073	.098	.133	.171	.228
	105	-.014	.017	.042	.058	.070	.096	.126	.168
	120	-.016	.017	.054	.096	.151	.205	.249	.305
	135	-.015	.018	.056	.097	.139	.184	.224	.290
	150								
	165								
	180								
	195								
	210								
	225								
	240	-.013	.020	.052	.096	.141	.195	.256	.328
	255	-.013	.020	.044	.058	.062	.091	.124	.174
	270	.106	.111	.090	.073	.140	.085	.106	.129
	285	-.008	.020	.044	.071	.099	.132	.182	.245
	300	-.005	.020	.042	.068	.098	.129	.177	.239
	315	-.001	.022	.041	.064	.085	.100	.126	.164
	330	.002	.022	.039	.057	.067	.090	.137	.198
	345	.008	.024	.039	.056	.073	.120	.180	.253
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
	.075								
	.150								
	.225	-.012	.021	.053	.095	.138	.183	.235	.299
	.300	-.013	.020	.052	.094	.135	.182	.235	.303
	.375	-.009	.021	.054	.096	.122	.147	.179	.223
	.450	-.029	.019	.054	.100	.147	.203	.263	.345
	.524	-.091	.020	.059	.108	.167	.242	.322	.426
	.599	-.082	.019	.062	.114	.176	.253	.334	.438
	.637	-.079	.015	.065	.119	.180	.255	.336	.439
	.674	-.079	-.001	.070	.121	.181	.253	.332	.430
	.674	.063	.011	-.065	-.092	-.105	-.120	-.127	-.130
	.637	.060	.023	-.065	-.092	-.109	-.119	-.126	-.129
	.599	.057	.022	-.070	-.098	-.114	-.120	-.126	-.129
LEEWARD WING	.524	.052	.020	-.069	-.102	-.113	-.123	-.128	-.131
	.450	.048	.019	-.015	-.112	-.118	-.127	-.132	-.135
	.375	.047	.019	.001	-.055	-.112	-.127	-.131	-.132
	.300	.044	.017	-.003	-.026	-.083	-.113	-.123	-.126
	.225	.045	.019	-.003	-.022	-.056	-.087	-.106	-.115
	.150	.044	.018	-.004	-.022	-.046	-.070	-.095	-.110
	.075	.045	.019	-.002	-.019	-.040	-.060	-.084	-.104

Table 4. Concluded

(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
BODY	0	-.003	.019	.044	.075	.106	.148	.207	.288
	15	-.004	.021	.046	.077	.109	.151	.207	.285
	30	-.008	.017	.044	.074	.108	.149	.201	.272
	45	-.007	.018	.045	.076	.114	.162	.218	.287
	60	-.008	.017	.043	.074	.116	.168	.228	.302
	75	-.008	.018	.044	.074	.117	.168	.226	.302
	90	-.007	.017	.041	.067	.109	.158	.213	.288
	105	-.009	.014	.042	.068	.090	.125	.160	.215
	120	-.013	.010	.044	.086	.147	.210	.286	.379
	135								
	150								
	165								
	180								
	195								
	210								
	225								
	240	-.007	.015	.046	.087	.142	.202	.273	.361
	255								
	270	-.007	.020	.042	.071	.108	.154	.215	.291
	285	-.007	.019	.044	.076	.111	.162	.225	.302
	300	-.011	.017	.042	.074	.112	.163	.224	.304
	315	-.009	.021	.045	.077	.113	.161	.219	.295
	330	-.007	.019	.044	.074	.107	.148	.201	.276
	345	-.002	.020	.045	.074	.106	.147	.204	.283
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.04	.04	4.03	8.03	11.96	16.05	19.96	24.03
	.190								
	.274	-.004	.018	.049	.087	.136	.192	.258	.340
	.379	-.005	.015	.047	.086	.126	.172	.226	.296
	.473								
	.569	-.032	.015	.050	.096	.155	.228	.310	.416
	.664	-.093	.014	.053	.102	.163	.237	.323	.431
	.759	-.080	.013	.056	.106	.168	.238	.325	.429
	.806	-.075	.013	.059	.108	.169	.236	.322	.423
	.854	-.073	.005	.063	.113	.171	.236	.318	.415
LEEWARD WING	.854	.059	.013	-.070	-.098	-.114	-.126	-.136	-.140
	.806	.056	.015	-.068	-.097	-.115	-.127	-.135	-.138
	.759	.052	.013	-.076	-.108	-.125	-.133	-.138	-.140
	.664	.049	.013	-.083	-.111	-.125	-.135	-.138	-.142
	.569	.046	.012	-.033	-.121	-.128	-.136	-.139	-.142
	.473	.046	.014	-.002	-.078	-.125	-.139	-.142	-.144
	.379	.044	.013	-.008	-.035	-.097	-.124	-.132	-.138
	.274	.046	.016	-.007	-.028	-.064	-.099	-.116	-.125
	.190	.041	.011	-.011	-.030	-.056	-.084	-.106	-.116

Table 5. Configuration 3

(a) $M_\infty = 1.70$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
BODY	0	-.034	-.027	-.011	.004	.004	.051	.134	.214
	15	-.030	-.020	-.005	.014	.020	.042	.116	.193
	30	-.037	-.024	-.007	.017	.034	.007	.049	.114
	45	-.039	-.022	-.001	.024	.050	.048	-.018	.003
	60	-.045	-.023	.002	.033	.070	.089	.104	.124
	75	-.046	-.019	.012	.047	.079	.096	.131	.163
	90	-.061	-.025	.009	.042	.062	.078	.105	.140
	105	-.064	-.024	.009	.009	.004	.001	-.053	-.008
	120	-.076	-.033	.014	.070	.127	.194	.272	.333
	135								
	150	.019	-.019	-.047	-.080	-.123	-.186	-.262	-.296
	165	.014	-.023	-.050	-.077	-.101	-.140	-.229	-.264
	180	.013	-.021	-.047	-.067	-.095	-.117	-.178	-.208
	195	.014	-.022	-.049	-.077	-.097	-.136	-.218	-.243
	210	.018	-.022	-.051	-.088	-.145	-.193	-.258	-.266
	225								
	240	-.075	-.032	.016	.075	.143	.199	.276	.305
	255	-.073	-.031	.008	.022	.039	.009	-.043	-.019
	270	-.065	-.025	.010	.044	.053	.063	.096	.147
	285	-.054	-.024	.005	.041	.076	.083	.131	.175
	300	-.049	-.024	-.002	.026	.067	.089	.118	.148
	315	-.044	-.024	-.008	.014	.038	.044	-.016	-.005
	330	-.038	-.021	-.007	.011	.021	-.005	.044	.107
	345	-.033	-.022	-.007	.008	.004	.036	.113	.186
WINDWARD WING	Y/S								
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
	.050								
	.100								
	.150								
	.200	-.069	-.027	.021	.078	.145	.204	.271	.314
	.250	-.070	-.027	.019	.075	.141	.188	.229	.254
	.300	-.073	-.030	.017	.069	.136	.186	.208	.246
	.350	-.079	-.030	.019	.074	.139	.176	.181	.185
	.400	-.234	-.031	.023	.083	.156	.226	.299	.379
	.425	-.206	-.034	.024	.086	.160	.244	.325	.427
	.450	-.201	-.040	.023	.087	.159	.250	.328	.436
	.450	.049	-.002	-.152	-.222	-.263	-.279	-.300	-.333
	.425	.028	-.022	-.171	-.231	-.267	-.286	-.302	-.337
LEEWARD WING	.400	.028	-.019	-.189	-.242	-.269	-.290	-.304	-.335
	.350	.025	-.018	-.050	-.274	-.313	-.326	-.328	-.347
	.300	.020	-.021	-.045	-.122	-.316	-.377	-.351	-.351
	.250	.018	-.022	-.049	-.090	-.204	-.313	-.311	-.326
	.200	.021	-.019	-.048	-.081	-.128	-.180	-.249	-.279
	.150								
	.100								
	.050								

Table 5. Continued

(a) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
BODY	0	-.051	-.028	.004	.049	.113	.168	.246	.330
	15	-.053	-.028	.004	.049	.109	.165	.238	.322
	30	-.054	-.025	.009	.051	.107	.162	.237	.312
	45	-.056	-.025	.011	.058	.108	.166	.237	.318
	60	-.058	-.026	.014	.062	.113	.173	.248	.333
	75	-.061	-.027	.013	.064	.109	.168	.240	.324
	90	-.062	-.026	.013	.061	.104	.157	.225	.301
	105	-.060	-.025	.017	.071	.106	.157	.232	.296
	120	-.069	-.033	.014	.072	.123	.176	.245	.339
	135								
	150	.017	-.023	-.052	-.085	-.119	-.171	-.215	-.286
	165	.013	-.026	-.055	-.087	-.122	-.165	-.205	-.263
	180	.014	-.024	-.051	-.083	-.116	-.153	-.173	-.206
	195	.012	-.027	-.055	-.088	-.117	-.158	-.207	-.249
	210	.015	-.026	-.055	-.096	-.113	-.162	-.235	-.286
	225								
	240	-.060	-.024	.022	.074	.123	.185	.251	.335
	255	-.061	-.024	.015	.063	.104	.157	.226	.298
	270	-.061	-.025	.013	.054	.100	.158	.226	.294
	285	-.067	-.031	.008	.054	.103	.161	.234	.314
	300	-.061	-.027	.009	.054	.108	.168	.242	.325
	315	-.061	-.029	.004	.047	.099	.160	.232	.312
	330	-.059	-.029	.003	.044	.099	.156	.234	.305
	345	-.052	-.025	.006	.050	.112	.167	.251	.323
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
	.075								
	.150								
	.225	-.061	-.024	.019	.072	.120	.184	.253	.339
	.300	-.061	-.025	.019	.072	.119	.183	.249	.331
	.375	-.058	-.024	.019	.074	.118	.159	.209	.268
	.450								
	.524	-.134	-.029	.020	.076	.145	.230	.315	.413
	.599								
	.637	-.179	-.033	.027	.080	.149	.227	.317	.417
	.674	-.176	-.037	.031	.084	.150	.223	.309	.404
LEEWARD WING	.674	.044	-.016	-.145	-.232	-.288	-.336	-.342	-.372
	.637	.036	-.020	-.152	-.238	-.292	-.349	-.345	-.374
	.599	.033	-.018	-.185	-.240	-.288	-.337	-.345	-.375
	.524	.024	-.023	-.123	-.320	-.324	-.343	-.364	-.388
	.450	.025	-.019	-.036	-.191	-.347	-.391	-.401	-.401
	.375	.023	-.019	-.046	-.096	-.231	-.330	-.381	-.402
	.300	.018	-.024	-.054	-.090	-.155	-.247	-.314	-.358
	.225	.021	-.021	-.050	-.084	-.122	-.183	-.227	-.286
	.150								
	.075								

Table 5. Continued

(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
BODY	0	-.049	-.023	.011	.055	.112	.179	.274	.374
	15	-.049	-.020	.015	.058	.116	.186	.277	.371
	30	-.055	-.024	.012	-.334	.114	.187	.269	.350
	45	-.058	-.027	.010	.057	.117	.190	.270	.346
	60	-.059	-.027	.011	.058	.120	.192	.271	.347
	75	-.057	-.023	.013	.062	.120	.191	.266	.338
	90	-.062	-.027	.008	.049	.105	.162	.231	.293
	105	-.062	-.028	.014	.059	.107	.179	.248	.309
	120	-.085	-.055	-.017	.026	.077	.148	.217	.281
	135								
	150	.030	-.013	-.046	-.080	-.112	-.166	-.202	-.243
	165	.028	-.014	-.049	-.083	-.116	-.162	-.182	-.223
	180	.029	-.012	-.047	-.081	-.114	-.164	-.195	-.237
	195	.029	-.012	-.046	-.079	-.107	-.160	-.190	-.246
	210	.021	-.020	-.056	-.087	-.109	-.167	-.201	-.257
	225								
	240	-.059	-.026	.015	.065	.125	.192	.272	.364
	255	-.047	.014	.051	.103	.169	.221	.289	.357
	270	-.063	-.029	.007	.049	.107	.168	.244	.323
	285	-.060	-.025	.012	.061	.120	.185	.267	.357
	300	-.062	-.029	.008	.056	.118	.183	.266	.356
	315	-.054	-.020	.016	.063	.127	.191	.272	.363
	330	-.056	-.023	.009	.056	.115	.182	.264	.354
	345	-.051	-.023	.009	.055	.111	.179	.269	.365
	Y/S	CP FOR ALPHA, DEG =							
		-4.23	-.12	3.82	7.86	11.81	15.85	19.79	23.92
WINDWARD WING	.190								
	.274								
	.379	-.056	-.025	.015	.065	.119	.167	.236	.318
	.473	-.056	-.026	.014	.069	.132	.191	.268	.359
	.569	-.050	-.025	.016	.076	.141	.220	.312	.414
	.664	-.167	-.026	.020	.076	.141	.224	.315	.419
	.759	-.189	-.027	.026	.076	.143	.220	.310	.407
	.806	-.168	-.026	.030	.078	.142	.215	.301	.395
LEEWARD WING	.854	-.164	-.030	.033	.081	.141	.211	.289	.379
	.854	.044	-.019	-.147	-.233	-.295	-.340	-.355	-.376
	.806	.040	-.016	-.189	-.233	-.289	-.334	-.382	-.383
	.759	.045	-.013	-.145	-.232	-.295	-.344	-.361	-.374
	.664	.035	-.015	-.126	-.315	-.305	-.334	-.385	-.414
	.569	.033	-.016	-.035	-.206	-.353	-.387	-.415	-.441
	.473	.027	-.020	-.049	-.102	-.241	-.337	-.399	-.412
	.379	.027	-.019	-.051	-.086	-.157	-.253	-.329	-.355
	.274	.026	-.018	-.050	-.085	-.126	-.193	-.256	-.292
	.190	.025	-.017	-.050	-.083	-.113	-.166	-.199	-.233

Table 5. Continued

(b) $M_\infty = 2.16$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =						
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85 23.82
BODY	0	-.017	-.008	-.004	.006	.044	.095	.164 .244
	15	-.017	-.007	.000	.006	.037	.085	.149 .224
	30	-.020	-.006	.005	.009	.012	.047	.099 .162
	45	-.025	-.005	.012	.030	.011	-.009	.027 .074
	60	-.032	-.007	.017	.048	.047	.027	.018 .036
	75	-.036	-.004	.027	.059	.059	.072	.097 .142
	90	-.040	-.003	.030	.053	.067	.069	.091 .140
	105	-.045	-.005	.030	.024	.044	.025	.019 .053
	120	-.053	-.010	.040	.099	.119	.169	.211 .249
	135							
	150	.025	-.002	-.026	-.051	-.099	-.162	-.181 -.188
	165	.023	-.004	-.027	-.047	-.056	-.123	-.153 -.165
	180	.023	-.004	-.025	-.039	-.048	-.092	-.124 -.134
	195	.024	-.003	-.025	-.048	-.052	-.119	-.152 -.156
	210	.024	-.004	-.028	-.058	-.110	-.157	-.170 -.185
	225							
	240	-.061	-.013	.034	.096	.134	.173	.206 .259
	255	-.061	-.011	.026	.035	.037	.016	.041 .063
	270	-.051	-.009	.023	.046	.054	.056	.092 .145
	285	-.042	-.011	.018	.048	.049	.060	.094 .150
	300	-.035	-.011	.010	.034	.037	.015	.027 .054
	315	-.027	-.009	.005	.010	-.017	-.017	.024 .070
	330	-.023	-.008	-.001	-.007	.002	.040	.095 .159
	345	-.018	-.007	-.003	.001	.033	.081	.146 .222
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =						
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85 23.82
	.050							
	.100							
	.150							
	.200	-.057	-.008	.037	.097	.136	.176	.211 .261
	.250	-.059	-.012	.035	.092	.127	.157	.188 .230
	.300	-.057	-.012	.034	.088	.123	.145	.170 .204
	.350	-.075	-.012	.035	.090	.122	.132	.141 .168
	.400	-.168	-.013	.037	.096	.158	.221	.296 .379
	.425	-.156	-.012	.041	.104	.172	.248	.335 .430
	.450	-.149	-.027	.043	.105	.175	.255	.342 .437
	.450	.053	.004	-.112	-.154	-.174	-.183	-.202 -.219
	.425	.035	-.003	-.120	-.162	-.185	-.183	-.204 -.217
	.400	.031	-.004	-.138	-.170	-.192	-.189	-.211 -.219
	.350	.028	-.004	-.060	-.197	-.196	-.203	-.214 -.224
	.300	.025	-.004	-.023	-.131	-.207	-.220	-.215 -.226
	.250	.027	-.002	-.025	-.059	-.175	-.190	-.194 -.207
	.200	.026	-.003	-.026	-.051	-.101	-.152	-.170 -.180
	.150							
	.100							
	.050							
LEEWARD WING								

Table 5. Continued
(b) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85	23.82
BODY	0	-.029	-.007	.021	.057	.093	.135	.190	.262
	15	-.032	-.008	.021	.055	.092	.133	.184	.252
	30	-.036	-.008	.020	.055	.093	.133	.178	.239
	45	-.038	-.008	.020	.061	.100	.145	.196	.255
	60	-.041	-.012	.018	.058	.101	.149	.209	.277
	75	-.044	-.013	.019	.058	.098	.146	.206	.276
	90	-.048	-.016	.013	.038	.084	.130	.185	.251
	105	-.047	-.013	.020	.069	.096	.149	.195	.246
	120	-.046	-.012	.026	.077	.125	.173	.235	.321
	135								
	150	.027	-.006	-.032	-.056	-.082	-.118	-.179	-.198
	165	.027	-.005	-.030	-.051	-.077	-.110	-.146	-.184
	180	.025	-.007	-.030	-.055	-.076	-.103	-.111	-.163
	195	.026	-.006	-.029	-.055	-.074	-.112	-.141	-.183
	210	.025	-.007	-.033	-.064	-.075	-.123	-.172	-.196
	225								
	240	-.042	-.009	.027	.073	.126	.187	.251	.332
	255	-.043	-.010	.022	.068	.097	.143	.192	.264
	270	-.044	-.010	.021	.037	.086	.132	.192	.260
	285	-.042	-.010	.022	.058	.100	.147	.208	.285
	300	-.040	-.010	.020	.058	.104	.152	.209	.289
	315	-.037	-.009	.021	.057	.103	.149	.198	.270
	330	-.036	-.009	.020	.052	.094	.136	.181	.249
	345	-.032	-.008	.021	.055	.091	.134	.185	.257
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85	23.82
	.075								
	.150								
	.225	-.041	-.008	.028	.074	.126	.190	.256	.342
	.300	-.042	-.010	.025	.072	.123	.183	.246	.326
	.375	-.040	-.009	.027	.074	.113	.156	.196	.261
	.450								
	.524	-.138	-.008	.032	.081	.149	.226	.311	.409
	.599								
	.637	-.135	-.011	.038	.089	.157	.230	.310	.407
	.674	-.126	-.015	.041	.094	.160	.229	.305	.396
	.674	.046	-.004	-.112	-.158	-.189	-.209	-.232	-.236
	.637	.045	-.003	-.116	-.171	-.203	-.211	-.231	-.236
	.599	.042	-.003	-.132	-.170	-.202	-.215	-.230	-.235
	.524	.038	-.003	-.117	-.187	-.201	-.224	-.232	-.236
	.450	.031	-.005	-.024	-.176	-.223	-.237	-.243	-.244
	.375	.029	-.005	-.029	-.082	-.187	-.229	-.246	-.241
	.300	.028	-.006	-.031	-.059	-.121	-.178	-.218	-.218
	.225	.029	-.006	-.032	-.056	-.087	-.125	-.174	-.189
	.150								
	.075								
LEEWARD WING									

Table 5. Continued

(b) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85	23.82
BODY	0	-.032	-.009	.021	.061	.113	.173	.240	.331
	15	-.034	-.008	.022	.065	.114	.174	.242	.334
	30	-.040	-.013	.020	.063	.112	.168	.237	.331
	45	-.040	-.012	.022	.065	.115	.173	.246	.334
	60	-.041	-.013	.022	.064	.115	.175	.248	.335
	75	-.040	-.011	.023	.063	.113	.173	.245	.330
	90	-.041	-.012	-.142	.051	.089	.142	.209	.288
	105	-.041	-.012	.029	.074	.121	.180	.250	.327
	120	-.052	-.024	.016	.059	.110	.175	.246	.325
	135								
	150	.031	-.004	-.031	-.051	-.080	-.116	-.139	-.169
	165	.032	-.004	-.030	-.051	-.079	-.105	-.131	-.161
	180	.031	-.005	-.030	-.052	-.080	-.114	-.139	-.168
	195	.031	-.003	-.028	-.049	-.076	-.108	-.147	-.171
	210	.029	-.003	-.030	-.051	-.074	-.110	-.152	-.180
	225								
	240	-.037	-.008	.029	.075	.130	.190	.260	.344
	255	-.015	.009	.044	.086	.164	.240	.291	.371
	270	-.036	-.006	.024	.054	.092	.144	.209	.295
	285	-.038	-.007	.025	.067	.114	.172	.243	.329
	300	-.039	-.009	.022	.065	.116	.171	.245	.331
	315	-.037	-.006	.024	.066	.119	.174	.246	.334
	330	-.036	-.007	.023	.062	.116	.168	.237	.328
	345	-.031	-.006	.024	.063	.115	.170	.240	.330
	Y/S	CP FOR ALPHA, DEG =							
		-4.17	-.11	3.88	7.89	11.88	15.88	19.85	23.82
WINDWARD WING	.190								
	.274								
	.379	-.036	-.008	.030	.075	.119	.169	.232	.307
	.473	-.032	-.007	.034	.080	.131	.191	.265	.345
	.569	-.039	-.008	.035	.082	.140	.213	.297	.392
	.664	-.159	-.007	.037	.086	.144	.218	.299	.397
	.759	-.131	-.010	.037	.088	.145	.216	.294	.389
	.806	-.128	-.012	.039	.090	.145	.217	.290	.384
	.854	-.118	-.014	.044	.094	.146	.213	.283	.377
LEEWARD WING	.854	.049	-.004	-.105	-.152	-.186	-.206	-.223	-.235
	.806	.046	-.002	-.127	-.167	-.201	-.230	-.228	-.236
	.759	.047	-.003	-.111	-.169	-.205	-.221	-.227	-.236
	.664	.040	-.003	-.127	-.183	-.204	-.227	-.247	-.246
	.569	.035	-.005	-.021	-.192	-.227	-.236	-.256	-.256
	.473	.034	-.005	-.027	-.089	-.195	-.235	-.246	-.244
	.379	.031	-.006	-.031	-.058	-.131	-.194	-.212	-.217
	.274	.031	-.005	-.031	-.053	-.091	-.144	-.168	-.188
	.190	.030	-.006	-.032	-.052	-.078	-.111	-.131	-.161

Table 5. Continued

(c) $M_\infty = 2.40$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
BODY	0	-.014	-.007	-.003	.011	.053	.108	.178	.256
	15	-.015	-.005	.001	.009	.047	.099	.166	.237
	30	-.018	-.005	.006	.002	.024	.065	.121	.178
	45	-.022	-.005	.015	.017	-.007	.013	.054	.094
	60	-.030	-.006	.022	.042	.030	.000	.007	.030
	75	-.034	-.004	.033	.054	.062	.070	.099	.136
	90	-.039	-.003	.036	.044	.064	.071	.103	.132
	105	-.043	-.003	.030	.017	.051	.037	.055	.059
	120	-.052	-.008	.046	.094	.119	.156	.188	.226
	135								
	150	.024	-.002	-.025	-.049	-.103	-.156	-.162	-.179
	165	.022	-.004	-.025	-.045	-.056	-.122	-.145	-.162
	180	.021	-.004	-.023	-.036	-.047	-.092	-.119	-.132
	195	.023	-.002	-.022	-.043	-.052	-.115	-.140	-.149
	210	.023	-.003	-.026	-.053	-.113	-.143	-.161	-.171
	225								
	240	-.058	-.014	.039	.095	.128	.157	.193	.238
	255	-.057	-.011	.027	.028	.032	.030	.043	.051
	270	-.050	-.011	.025	.039	.052	.063	.092	.126
	285	-.039	-.010	.020	.043	.044	.057	.087	.128
	300	-.033	-.011	.010	.027	.007	-.014	-.001	.027
	315	-.025	-.009	.002	-.005	-.020	.004	.040	.083
	330	-.020	-.008	-.004	-.008	.016	.057	.109	.170
	345	-.016	-.007	-.004	.005	.043	.095	.158	.232
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
	.050								
	.100								
	.150								
	.200	-.055	-.008	.041	.097	.128	.156	.196	.243
	.250	-.056	-.011	.040	.092	.120	.143	.173	.211
	.300	-.056	-.013	.039	.088	.110	.122	.149	.172
	.350	-.080	-.013	.041	.089	.109	.121	.139	.177
	.400	-.147	-.014	.043	.097	.160	.223	.293	.379
	.425	-.139	-.021	.048	.104	.178	.249	.330	.419
	.450	-.130	-.038	.052	.107	.184	.256	.335	.422
	.450	.047	-.006	-.113	-.138	-.154	-.166	-.183	-.197
	.425	.033	-.004	-.115	-.142	-.158	-.164	-.182	-.195
	.400	.030	-.003	-.128	-.149	-.170	-.168	-.184	-.197
	.350	.026	-.004	-.116	-.164	-.174	-.174	-.187	-.200
	.300	.023	-.006	-.023	-.144	-.180	-.182	-.188	-.201
	.250	.025	-.004	-.023	-.068	-.168	-.164	-.173	-.189
	.200	.025	-.004	-.025	-.050	-.098	-.146	-.154	-.177
	.150								
	.100								
	.050								
LEEWARD WING									

Table 5. Continued
(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
BODY	0	-.024	-.005	.023	.052	.083	.116	.174	.254
	15	-.025	-.004	.026	.053	.084	.118	.176	.245
	30	-.029	-.005	.026	.056	.086	.117	.175	.234
	45	-.030	-.005	.028	.059	.096	.133	.194	.256
	60	-.034	-.008	.026	.059	.099	.144	.211	.283
	75	-.035	-.008	.029	.061	.099	.146	.211	.283
	90	-.039	-.011	.021	.043	.087	.134	.193	.259
	105	-.038	-.010	.035	.073	.103	.147	.195	.253
	120	-.037	-.009	.041	.082	.131	.181	.256	.327
	135								
	150	.027	-.001	-.027	-.050	-.081	-.123	-.170	-.184
	165	.028	.002	-.023	-.044	-.074	-.111	-.149	-.172
	180	.026	-.002	-.027	-.047	-.074	-.098	-.126	-.158
	195	.027	-.001	-.026	-.048	-.073	-.114	-.144	-.169
	210	.026	-.002	-.029	-.056	-.076	-.135	-.161	-.176
	225								
	240	-.038	-.007	.037	.078	.132	.188	.261	.336
	255	-.039	-.007	.030	.071	.098	.140	.196	.267
	270	-.040	-.008	.025	.035	.083	.131	.188	.262
	285	-.038	-.007	.028	.057	.096	.141	.206	.282
	300	-.037	-.008	.026	.057	.098	.143	.210	.285
	315	-.034	-.007	.025	.057	.095	.134	.194	.262
	330	-.031	-.007	.023	.053	.084	.118	.167	.238
	345	-.026	-.006	.023	.052	.082	.116	.165	.245
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
	.075								
	.150								
	.225	-.036	-.005	.038	.079	.133	.190	.267	.344
	.300	-.038	-.008	.034	.076	.128	.183	.254	.330
	.375	-.036	-.007	.036	.077	.115	.153	.204	.264
	.450								
	.524	-.136	-.008	.040	.087	.152	.231	.322	.419
	.599								
	.637	-.124	-.014	.045	.093	.160	.237	.321	.414
	.674	-.116	-.026	.049	.098	.164	.236	.316	.407
	.674	.044	.000	-.108	-.140	-.165	-.186	-.200	-.206
	.637	.042	.002	-.110	-.148	-.176	-.185	-.199	-.205
	.599	.039	.003	-.114	-.152	-.181	-.185	-.198	-.204
	.524	.036	.003	-.132	-.159	-.177	-.191	-.198	-.205
	.450	.032	.000	-.040	-.172	-.188	-.201	-.204	-.210
	.375	.031	.001	-.022	-.090	-.175	-.196	-.206	-.208
	.300	.030	.000	-.025	-.056	-.125	-.159	-.189	-.194
	.225	.029	.000	-.026	-.051	-.088	-.115	-.163	-.179
	.150								
	.075								
LEEWARD WING									

Table 5. Continued
(c) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
0		-.029	-.008	.024	.060	.105	.165	.238	.324
15		-.031	-.007	.026	.061	.110	.166	.242	.323
30		-.036	-.011	.024	.059	.110	.165	.240	.317
45		-.035	-.010	.026	.061	.115	.173	.251	.329
60		-.037	-.012	.025	.061	.115	.174	.252	.331
75		-.037	-.012	.024	.060	.114	.169	.246	.324
90		-.035	-.010	.022	.047	.086	.135	.204	.282
105		-.037	-.013	.031	.071	.127	.183	.257	.328
120		-.045	-.021	.022	.060	.120	.183	.258	.327
135									
150		.030	.000	-.028	-.052	-.082	-.115	-.147	-.165
165		.030	.000	-.027	-.050	-.081	-.102	-.137	-.161
180		.030	.000	-.028	-.051	-.083	-.111	-.147	-.164
195		.031	.000	-.026	-.049	-.079	-.105	-.145	-.164
210		.033	.002	-.025	-.049	-.075	-.109	-.150	-.171
225									
240		-.036	-.010	.030	.066	.126	.187	.255	.340
255		-.006	.015	.039	.061	.114	.139	.197	.272
270		-.034	-.006	.026	.049	.086	.134	.199	.280
285		-.036	-.008	.027	.060	.111	.167	.237	.322
300		-.037	-.009	.026	.061	.111	.172	.243	.326
315		-.035	-.007	.027	.062	.112	.173	.244	.328
330		-.033	-.007	.026	.061	.107	.169	.236	.319
345		-.027	-.005	.026	.061	.105	.167	.238	.323
Y/S		CP FOR ALPHA, DEG =							
		-4.20	-.23	3.92	7.84	11.92	15.91	19.85	23.78
WINDWARD WING		.190							
		.274							
		.379	-.035	-.011	.028	.066	.115	.169	.229
		.473	-.031	-.009	.032	.073	.126	.191	.262
		.569	-.039	-.010	.033	.077	.137	.213	.298
		.664	-.142	-.009	.038	.082	.145	.219	.303
		.759	-.120	-.012	.040	.085	.148	.219	.300
		.806	-.114	-.016	.043	.088	.150	.218	.297
		.854	-.107	-.020	.048	.093	.152	.214	.290
LEEWARD WING		.854	.050	.002	-.099	-.136	-.162	-.181	-.199
		.806	.045	.002	-.109	-.152	-.181	-.195	-.200
		.759	.046	.001	-.106	-.149	-.176	-.188	-.202
		.664	.038	.000	-.136	-.159	-.182	-.205	-.208
		.569	.034	-.001	-.051	-.179	-.190	-.208	-.215
		.473	.032	.000	-.020	-.104	-.180	-.206	-.210
		.379	.030	-.002	-.027	-.059	-.135	-.177	-.190
		.274	.031	-.001	-.025	-.051	-.094	-.137	-.161
		.190	.029	-.002	-.029	-.052	-.080	-.111	-.139

Table 5. Continued
(d) $M_\infty = 2.86$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
BODY	0	-.002	-.003	.001	.021	.058	.108	.174	.247
	15	-.003	.000	.003	.019	.053	.100	.163	.232
	30	-.007	.000	.004	.008	.033	.071	.122	.180
	45	-.011	.001	.010	.001	.003	.028	.065	.107
	60	-.020	-.002	.016	.026	.000	-.006	.008	.030
	75	-.024	.000	.026	.042	.046	.053	.076	.106
	90	-.030	.000	.028	.038	.048	.059	.081	.114
	105	-.033	.001	.028	.016	.034	.033	.045	.075
	120	-.037	-.005	.039	.079	.102	.127	.155	.198
	135								
	150	.026	.001	-.019	-.041	-.094	-.120	-.125	-.135
	165	.024	-.001	-.020	-.038	-.047	-.099	-.113	-.123
	180	.024	-.001	-.019	-.031	-.040	-.076	-.098	-.102
	195	.026	.001	-.018	-.036	-.046	-.093	-.108	-.115
	210	.026	.000	-.022	-.043	-.099	-.117	-.125	-.133
	225								
	240	-.048	-.010	.031	.081	.109	.138	.170	.215
	255	-.044	-.006	.024	.017	.022	.026	.045	.067
	270	-.036	-.006	.022	.031	.041	.053	.079	.114
	285	-.028	-.005	.016	.031	.032	.042	.068	.107
	300	-.022	-.006	.006	.010	-.015	-.014	.002	.028
	315	-.014	-.003	.002	-.010	-.003	.022	.057	.098
	330	-.009	-.003	-.002	.004	.028	.065	.115	.173
	345	-.004	-.002	.000	.017	.049	.096	.158	.227
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
	.050								
	.100								
	.150								
	.200	-.047	-.005	.034	.082	.108	.138	.170	.219
	.250	-.045	-.007	.033	.079	.103	.126	.153	.196
	.300	-.043	-.008	.032	.075	.088	.100	.125	.154
	.350	-.075	-.007	.034	.078	.098	.122	.151	.193
	.400	-.107	-.018	.034	.088	.141	.206	.273	.358
	.425	-.100	-.028	.040	.097	.156	.228	.302	.392
	.450	-.096	-.029	.042	.102	.161	.233	.306	.395
LEEWARD WING	.450	.044	-.003	-.084	-.107	-.117	-.127	-.137	-.146
	.425	.036	-.002	-.083	-.108	-.116	-.125	-.135	-.142
	.400	.031	-.003	-.090	-.113	-.122	-.127	-.137	-.144
	.350	.026	-.002	-.077	-.118	-.128	-.130	-.139	-.146
	.300	.024	-.001	-.018	-.120	-.133	-.132	-.138	-.144
	.250	.025	.001	-.018	-.064	-.126	-.122	-.129	-.136
	.200	.026	.001	-.018	-.042	-.091	-.119	-.121	-.134
	.150								
	.100								
	.050								

Table 5. Continued
(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
BODY	0	-.009	.003	.018	.039	.062	.108	.175	.246
	15	-.011	.004	.020	.042	.066	.101	.162	.227
	30	-.014	.003	.022	.045	.070	.093	.132	.183
	45	-.016	.003	.024	.051	.080	.109	.155	.206
	60	-.021	-.002	.023	.053	.086	.127	.181	.242
	75	-.023	-.001	.024	.055	.088	.130	.184	.245
	90	-.027	-.005	.020	.045	.080	.119	.170	.229
	105	-.029	-.005	.029	.065	.095	.131	.172	.221
	120	-.029	-.004	.034	.076	.120	.160	.212	.289
	135								
	150	.026	-.001	-.024	-.044	-.067	-.111	-.131	-.142
	165	.029	.001	-.021	-.039	-.064	-.090	-.118	-.133
	180	.024	-.002	-.024	-.040	-.066	-.078	-.106	-.125
	195	.025	-.002	-.025	-.043	-.065	-.094	-.119	-.135
	210	.025	-.001	-.025	-.047	-.065	-.114	-.129	-.139
	225								
	240	-.025	-.002	.032	.075	.123	.175	.233	.305
	255	-.026	-.003	.027	.066	.091	.129	.174	.236
	270	-.029	-.006	.021	.040	.074	.117	.167	.236
	285	-.026	-.005	.021	.051	.084	.125	.180	.247
	300	-.024	-.003	.021	.051	.085	.125	.182	.248
	315	-.020	-.002	.020	.047	.076	.109	.157	.211
	330	-.017	-.001	.018	.041	.062	.089	.129	.182
	345	-.012	.003	.019	.039	.058	.099	.159	.226
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
	.075								
	.150								
	.225	-.024	-.001	.033	.077	.124	.177	.238	.311
	.300	-.025	-.003	.030	.074	.119	.170	.227	.299
	.375	-.022	-.002	.032	.075	.109	.142	.181	.232
	.450								
	.524	-.105	-.004	.035	.085	.143	.216	.298	.398
	.599								
	.637	-.095	-.019	.040	.091	.150	.219	.301	.397
	.674	-.092	-.023	.046	.098	.156	.222	.301	.393
	.674	.046	-.002	-.086	-.112	-.127	-.143	-.149	-.153
	.637	.044	.002	-.085	-.112	-.128	-.141	-.148	-.152
	.599	.042	.004	-.086	-.117	-.137	-.140	-.147	-.151
	.524	.036	.003	-.092	-.123	-.139	-.142	-.149	-.153
	.450	.033	.002	-.029	-.132	-.141	-.146	-.152	-.156
	.375	.031	.002	-.019	-.084	-.139	-.145	-.150	-.153
	.300	.027	.000	-.025	-.051	-.108	-.130	-.143	-.148
	.225	.029	.002	-.023	-.044	-.071	-.100	-.127	-.137
	.150								
	.075								
LEEWARD WING									

Table 5. Concluded
(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
BODY	0	-.014	.007	.035	.070	.104	.152	.219	.298
	15	-.013	.009	.037	.073	.108	.154	.221	.297
	30	-.018	.006	.035	.070	.107	.153	.217	.289
	45	-.016	.008	.037	.071	.113	.165	.233	.307
	60	-.018	.005	.035	.068	.111	.166	.237	.314
	75	-.017	.006	.034	.066	.110	.164	.232	.310
	90	-.016	.007	.033	.054	.086	.139	.200	.270
	105	-.016	.005	.039	.078	.128	.181	.246	.321
	120	-.022	-.003	.031	.072	.125	.185	.257	.333
	135								
	150	.032	.003	-.021	-.040	-.067	-.095	-.116	-.131
	165	.030	.002	-.021	-.039	-.064	-.084	-.110	-.121
	180	.032	.004	-.020	-.039	-.065	-.092	-.115	-.124
	195	.033	.004	-.019	-.038	-.060	-.087	-.113	-.123
	210	.034	.005	-.018	-.040	-.062	-.094	-.120	-.130
	225								
	240	-.016	.004	.035	.075	.124	.182	.251	.331
	255	.022	.037	.049	.067	.115	.137	.195	.263
	270	-.013	.009	.033	.055	.086	.134	.198	.269
	285	-.014	.010	.034	.067	.105	.159	.228	.304
	300	-.020	.005	.033	.067	.107	.162	.231	.310
	315	-.017	.009	.037	.071	.112	.165	.231	.310
	330	-.016	.008	.035	.070	.106	.155	.216	.293
	345	-.011	.010	.037	.071	.105	.154	.218	.296
	Y/S	CP FOR ALPHA, DEG =							
		-4.12	-.19	3.88	7.89	11.87	15.88	19.87	23.79
WINDWARD WING	.190								
	.274								
	.379	-.016	.003	.034	.075	.117	.166	.224	.293
	.473	-.008	.006	.036	.080	.131	.193	.263	.348
	.569	-.019	.002	.038	.084	.143	.217	.298	.399
	.664	-.099	.000	.040	.089	.148	.221	.304	.403
	.759	-.087	-.001	.043	.093	.152	.222	.306	.400
	.806	-.082	-.004	.044	.094	.153	.222	.303	.394
	.854	-.080	-.022	.049	.099	.153	.219	.297	.384
LEEWARD WING	.854	.052	.007	-.077	-.105	-.121	-.136	-.147	-.150
	.806	.046	.010	-.081	-.113	-.133	-.136	-.145	-.149
	.759	.048	.009	-.080	-.109	-.124	-.138	-.147	-.151
	.664	.040	.006	-.090	-.120	-.136	-.148	-.149	-.153
	.569	.037	.005	-.040	-.131	-.139	-.149	-.151	-.153
	.473	.036	.005	-.014	-.098	-.140	-.151	-.153	-.156
	.379	.033	.004	-.020	-.048	-.113	-.132	-.141	-.149
	.274	.036	.007	-.017	-.039	-.077	-.104	-.120	-.134
	.190	.031	.003	-.021	-.039	-.064	-.090	-.111	-.128

Table 6. Configuration 4

(a) $M_\infty = 1.70$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
BODY	0	-.029	-.004	.031	.075	.129	.206	.297	.407
	15	-.029	-.004	.031	.077	.131	.206	.296	.405
	30	-.029	-.004	.034	.080	.133	.209	.300	.412
	45								
	60	.037	-.009	-.052	-.116	-.224	-.301	-.375	-.421
	75	.030	-.008	-.050	-.128	-.245	-.307	-.383	-.427
	90	.032	-.002	-.043	-.095	-.151	-.251	-.333	-.389
	105	.024	-.003	-.035	-.069	-.095	-.150	-.218	-.250
	120	.019	-.003	-.027	-.057	-.083	-.139	-.166	-.189
	135	.014	-.005	-.024	-.056	-.099	-.134	-.138	-.175
	150	.015	-.002	-.017	-.057	-.149	-.204	-.131	-.168
	165	.014	-.002	-.014	-.039	-.066	-.093	-.153	-.160
	180	.009	-.004	-.015	-.020	-.036	-.061	-.138	-.135
	195	.016	.001	-.011	-.031	-.057	-.085	-.154	-.152
	210	.016	.000	-.016	-.055	-.148	-.215	-.131	-.157
	225	.020	.000	-.019	-.050	-.094	-.144	-.132	-.158
	240	.025	.000	-.024	-.053	-.079	-.165	-.146	-.170
	255	.035	.003	-.026	-.057	-.082	-.133	-.174	-.211
	270	.032	-.001	-.038	-.078	-.121	-.195	-.270	-.333
	285	.033	.000	-.038	-.097	-.206	-.291	-.373	-.420
	300	.037	-.010	-.053	-.106	-.180	-.274	-.370	-.419
	315								
	330	-.026	.001	.035	.080	.134	.209	.300	.405
	345	-.035	-.009	.025	.069	.121	.197	.288	.395
	Y/S	CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
WINDWARD WING	.050								
	.100								
	.150								
	.200	-.027	.001	.037	.081	.136	.212	.302	.408
	.250	-.029	.000	.036	.079	.136	.210	.299	.405
	.300	-.027	.001	.037	.080	.138	.209	.295	.400
	.350	-.029	.003	.043	.085	.142	.211	.294	.397
	.400	-.168	.007	.050	.093	.145	.210	.288	.388
	.425	-.151	.005	.049	.090	.138	.199	.273	.371
	.450	-.134	.022	.068	.107	.147	.206	.274	.372
LEEWARD WING	.450	.045	-.017	-.180	-.287	-.386	-.394	-.428	-.446
	.425	.045	-.013	-.184	-.289	-.386	-.398	-.433	-.452
	.400	.044	-.009	-.211	-.300	-.386	-.411	-.436	-.447
	.350	.039	-.008	-.054	-.209	-.304	-.292	-.345	-.373
	.300	.039	-.007	-.050	-.112	-.155	-.223	-.330	-.400
	.250	.040	-.005	-.049	-.108	-.208	-.289	-.374	-.422
	.200	.041	-.003	-.048	-.109	-.191	-.274	-.367	-.413
	.150								
	.100								
	.050								

Table 6. Continued

(a) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
BODY	0	-.036	-.002	.040	.090	.159	.226	.321	.428
	15	-.039	-.005	.037	.089	.154	.223	.316	.424
	30	-.039	-.004	.039	.092	.155	.225	.313	.425
	45								
	60	.040	.001	-.029	-.064	-.139	-.228	-.341	-.373
	75	.033	-.002	-.031	-.069	-.142	-.238	-.354	-.392
	90	.033	-.001	-.032	-.080	-.171	-.275	-.351	-.386
	105	.029	-.006	-.038	-.079	-.152	-.233	-.351	-.404
	120	.031	-.002	-.032	-.064	-.108	-.159	-.235	-.331
	135	.027	-.002	-.032	-.069	-.109	-.144	-.189	-.283
	150	.025	-.003	-.031	-.080	-.141	-.161	-.176	-.255
	165	.028	.002	-.023	-.045	-.075	-.124	-.146	-.187
	180	.024	-.002	-.024	-.040	-.057	-.103	-.124	-.149
	195	.024	-.002	-.026	-.051	-.079	-.121	-.139	-.183
	210	.029	.001	-.025	-.077	-.122	-.142	-.154	-.224
	225	.030	-.001	-.028	-.064	-.090	-.126	-.165	-.251
	240	.033	.000	-.029	-.059	-.092	-.136	-.201	-.296
	255	.029	-.005	-.034	-.068	-.130	-.198	-.314	-.382
	270	.029	-.006	-.036	-.073	-.156	-.274	-.336	-.382
	285	.032	-.006	-.034	-.070	-.135	-.216	-.332	-.384
	300	.030	-.013	-.043	-.077	-.140	-.219	-.326	-.376
	315								
	330	-.037	-.002	.041	.092	.156	.228	.317	.427
	345	-.041	-.006	.036	.086	.153	.222	.314	.422
Y/S		CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
WINDWARD WING	.075								
	.150								
	.225	-.037	-.001	.042	.093	.156	.230	.317	.428
	.300	-.040	-.005	.039	.093	.154	.227	.314	.423
	.375	-.031	.002	.047	.101	.161	.233	.321	.426
	.450	-.024	.003	.051	.103	.164	.236	.320	.422
	.524	-.099	-.001	.051	.100	.161	.233	.312	.414
	.599	-.183	.003	.061	.108	.165	.233	.309	.406
	.637	-.144	.001	.064	.113	.167	.230	.304	.398
	.674	-.136	.003	.067	.118	.164	.219	.289	.378
	LEEWARD WING	.674	.053	-.011	-.144	-.237	-.319	-.379	-.394
.637		.048	-.007	-.147	-.240	-.314	-.375	-.398	-.405
.599									
.524		.039	-.004	-.092	-.302	-.360	-.401	-.400	-.376
.450									
.375		.038	-.001	-.026	-.066	-.144	-.195	-.286	-.335
.300		.037	-.002	-.030	-.062	-.135	-.237	-.366	-.395
.225		.037	-.001	-.031	-.067	-.141	-.232	-.346	-.379
.150									
.075									

Table 6. Continued
(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
BODY	0	-.033	.000	.042	.095	.158	.233	.324	.432
	15	-.033	.000	.042	.092	.157	.232	.323	.429
	30	-.045	-.010	.032	.079	.141	.218	.305	.407
	45								
	60	.039	.000	-.032	-.067	-.112	-.187	-.270	-.341
	75								
	90	.029	-.005	-.038	-.084	-.145	-.222	-.295	-.366
	105	.034	-.001	-.033	-.079	-.158	-.250	-.313	-.365
	120	.030	-.005	-.037	-.082	-.161	-.250	-.332	-.376
	135	.040	.005	-.026	-.080	-.163	-.222	-.267	-.377
	150	.034	-.002	-.032	-.080	-.148	-.201	-.233	-.324
	165	.031	-.001	-.031	-.052	-.078	-.135	-.164	-.189
	180	.030	.000	-.028	-.046	-.060	-.098	-.100	-.106
	195	.036	.004	-.024	-.047	-.075	-.121	-.133	-.159
	210	.032	-.003	-.032	-.084	-.134	-.182	-.206	-.291
	225	.030	-.006	-.034	-.078	-.129	-.205	-.246	-.360
	240	.031	-.004	-.033	-.070	-.128	-.218	-.297	-.385
	255	.034	.000	-.031	-.069	-.134	-.232	-.331	-.364
	270	.026	-.008	-.039	-.078	-.142	-.207	-.310	-.362
	285	.031	-.008	-.038	-.075	-.124	-.199	-.308	-.361
	300	.002	-.035	-.062	-.094	-.136	-.196	-.294	-.344
	315								
	330	-.035	-.001	.041	.095	.162	.235	.323	.432
	345	-.036	-.003	.039	.090	.154	.228	.322	.430
	Y/S	CP FOR ALPHA, DEG =							
		-3.62	.39	4.46	8.44	12.44	16.43	20.34	24.39
WINDWARD WING	.190	-.041	-.006	.036	.089	.158	.228	.315	.425
	.274	-.042	-.006	.038	-.380	.159	.231	.318	.429
	.379	-.042	-.007	.037	.093	.157	.230	.317	.426
	.473	-.039	-.006	.038	.095	.157	.231	.319	.426
	.569	-.023	.000	.046	.106	.165	.238	.326	.427
	.664	-.109	-.001	.048	.105	.164	.237	.321	.421
	.759	-.136	.003	.063	.111	.172	.237	.312	.409
	.806	-.182	-.002	.054	.105	.167	.236	.314	.414
	.854	-.138	-.005	.057	.106	.162	.221	.293	.385
LEEWARD WING	.854	.052	-.007	-.136	-.225	-.299	-.351	-.363	-.367
	.806	.048	-.003	-.138	-.232	-.293	-.337	-.365	-.369
	.759	.046	-.002	-.168	-.227	-.290	-.338	-.377	-.384
	.664	.042	-.001	-.128	-.296	-.340	-.388	-.390	-.382
	.569	.040	-.001	-.026	-.181	-.276	-.297	-.313	-.329
	.473	.040	-.002	-.032	-.088	-.168	-.201	-.251	-.305
	.379	.040	.000	-.032	-.067	-.114	-.171	-.279	-.367
	.274								
	.190								

Table 6. Continued

(b) $M_\infty = 2.16$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
BODY	0	-.023	.004	.035	.077	.138	.210	.304	.405
	15	-.023	.005	.036	.079	.139	.212	.304	.404
	30	-.028	.004	.037	.080	.139	.213	.303	.405
	45								
	60	.041	-.001	-.042	-.104	-.190	-.224	-.243	-.250
	75	.030	.002	-.041	-.119	-.204	-.229	-.243	-.248
	90	.028	.003	-.033	-.074	-.107	-.152	-.183	-.212
	105	.024	.002	-.025	-.051	-.070	-.098	-.120	-.137
	120	.014	.001	-.019	-.043	-.072	-.091	-.097	-.107
	135	.008	.003	-.012	-.037	-.101	-.096	-.101	-.094
	150	.002	.001	-.009	-.041	-.142	-.105	-.109	-.098
	165	.000	.002	-.005	-.024	-.033	-.105	-.108	-.118
	180	-.002	.001	-.003	-.004	-.005	-.069	-.084	-.091
	195	.001	.003	-.003	-.021	-.026	-.101	-.102	-.116
	210	.006	.004	-.005	-.041	-.134	-.102	-.100	-.097
	225	.013	.005	-.009	-.036	-.104	-.091	-.095	-.091
	240	.020	.004	-.017	-.041	-.073	-.086	-.086	-.091
	255	.029	.007	-.021	-.047	-.061	-.088	-.095	-.111
	270	.033	.009	-.025	-.061	-.081	-.115	-.142	-.160
	285	.030	.007	-.031	-.086	-.164	-.213	-.235	-.239
	300	.043	.003	-.038	-.092	-.167	-.209	-.229	-.237
	315								
	330	-.024	.005	.037	.077	.138	.209	.303	.407
	345	-.024	.003	.033	.073	.134	.204	.299	.401
Y/S		CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
WINDWARD WING	.050								
	.100								
	.150								
	.200	-.025	.003	.038	.077	.138	.210	.304	.409
	.250	-.023	.004	.040	.080	.140	.214	.306	.411
	.300	-.023	.001	.038	.077	.134	.210	.300	.404
	.350	-.066	.001	.041	.081	.135	.210	.299	.404
	.400	-.139	.001	.044	.083	.135	.209	.292	.395
	.425	-.122	.001	.047	.085	.133	.205	.287	.387
	.450	-.114	.008	.064	.099	.141	.210	.290	.387
LEEWARD WING	.450	.054	-.005	-.125	-.211	-.246	-.253	-.255	-.254
	.425	.052	.005	-.131	-.215	-.247	-.254	-.257	-.256
	.400	.047	.001	-.147	-.219	-.250	-.258	-.261	-.260
	.350	.042	.002	-.049	-.197	-.234	-.235	-.241	-.240
	.300	.040	.001	-.038	-.104	-.167	-.197	-.226	-.239
	.250	.041	.001	-.040	-.099	-.184	-.221	-.244	-.251
	.200	.044	.004	-.037	-.098	-.180	-.217	-.238	-.245
	.150								
	.100								
	.050								

Table 6. Continued
(b) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
BODY	0	-.036	.000	.036	.079	.143	.222	.310	.409
	15	-.035	.002	.039	.082	.147	.226	.314	.412
	30	-.040	-.001	.037	.082	.145	.223	.313	.409
	45								
	60	.028	-.001	-.026	-.056	-.119	-.184	-.219	-.236
	75	.021	-.001	-.025	-.059	-.122	-.192	-.224	-.238
	90	.019	-.001	-.025	-.069	-.141	-.195	-.222	-.237
	105	.022	.001	-.023	-.060	-.108	-.169	-.199	-.223
	120	.020	.001	-.025	-.053	-.100	-.112	-.147	-.166
	135	.022	.003	-.023	-.056	-.096	-.097	-.127	-.138
	150	.021	.003	-.021	-.068	-.115	-.102	-.128	-.134
	165	.021	.003	-.017	-.038	-.045	-.090	-.109	-.109
	180	.022	.004	-.012	-.027	-.026	-.061	-.079	-.076
	195	.022	.004	-.015	-.035	-.040	-.077	-.094	-.103
	210	.021	.003	-.020	-.067	-.102	-.083	-.110	-.121
	225	.022	.003	-.021	-.053	-.079	-.082	-.112	-.126
	240	.019	-.001	-.025	-.049	-.086	-.101	-.132	-.157
	255	.021	.000	-.025	-.052	-.094	-.151	-.185	-.214
	270	.015	-.004	-.029	-.061	-.126	-.192	-.219	-.240
	285	.024	-.003	-.028	-.057	-.106	-.180	-.218	-.241
	300	.030	-.001	-.026	-.052	-.098	-.170	-.208	-.232
	315								
	330	-.035	.001	.039	.081	.145	.223	.311	.412
	345	-.033	.004	.040	.081	.146	.223	.313	.412
	Y/S	CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
WINDWARD WING	.075								
	.150								
	.225	-.035	.002	.041	.085	.147	.224	.314	.415
	.300	-.035	.002	.042	.089	.149	.226	.316	.417
	.375	-.034	.002	.042	.090	.150	.225	.314	.413
	.450	-.029	.002	.044	.092	.151	.226	.312	.411
	.524	-.128	.007	.051	.098	.159	.231	.315	.413
	.599	-.133	.006	.053	.100	.160	.228	.310	.404
	.637	-.122	.005	.056	.102	.161	.227	.306	.399
	.674	-.118	.002	.056	.103	.159	.220	.294	.386
LEEWARD WING	.674	.044	.001	-.110	-.168	-.220	-.238	-.247	-.253
	.637	.041	.003	-.116	-.190	-.219	-.234	-.244	-.249
	.599								
	.524	.035	.004	-.114	-.198	-.230	-.243	-.248	-.248
	.450								
	.375	.027	.002	-.022	-.060	-.110	-.151	-.183	-.221
	.300	.025	-.002	-.025	-.053	-.119	-.195	-.228	-.239
	.225	.028	.001	-.024	-.054	-.117	-.183	-.219	-.235
	.150								
	.075								

Table 6. Continued
(b) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
BODY	0	-.032	.002	.040	.085	.149	.223	.315	.426
	15	-.031	.001	.040	.087	.150	.226	.319	.428
	30	-.032	.002	.041	.086	.148	.224	.316	.423
	45								
	60	.034	.005	-.021	-.050	-.090	-.150	-.180	-.200
	75								
	90	.030	.007	-.019	-.054	-.108	-.167	-.171	-.199
	105	.031	.005	-.021	-.054	-.128	-.181	-.176	-.202
	120	.029	.004	-.022	-.055	-.131	-.164	-.194	-.210
	135	.030	.005	-.020	-.062	-.151	-.149	-.185	-.212
	150	.029	.005	-.019	-.061	-.098	-.143	-.168	-.178
	165	.032	.006	-.015	-.026	-.039	-.092	-.103	-.095
	180	.031	.004	-.014	-.024	-.032	-.058	-.057	-.052
	195	.032	.007	-.015	-.027	-.042	-.075	-.088	-.105
	210	.027	.003	-.023	-.062	-.097	-.114	-.149	-.179
	225	.029	.004	-.022	-.053	-.106	-.119	-.163	-.186
	240	.029	.002	-.023	-.048	-.096	-.133	-.181	-.205
	255	.029	.002	-.023	-.050	-.102	-.173	-.207	-.199
	270	.027	.004	-.021	-.050	-.100	-.166	-.197	-.198
	285	.035	.002	-.024	-.050	-.089	-.163	-.198	-.201
	300	.022	-.010	-.034	-.056	-.094	-.160	-.191	-.203
	315								
	330	-.033	.002	.040	.086	.151	.226	.318	.426
	345	-.030	.001	.041	.086	.149	.224	.318	.430
	Y/S	CP FOR ALPHA, DEG =							
		-3.64	.38	4.46	8.42	12.36	16.44	20.46	24.44
WINDWARD WING	.190	-.034	.000	.037	.085	.150	.225	.317	.423
	.274	-.033	.002	.041	.090	.153	.227	.320	.426
	.379	-.035	.000	.041	.090	.151	.225	.319	.422
	.473	-.030	.002	.045	.093	.154	.228	.324	.425
	.569	-.027	-.001	.044	.092	.151	.224	.321	.419
	.664	-.140	.000	.047	.094	.154	.226	.318	.419
	.759	-.116	-.001	.054	.103	.161	.230	.314	.409
	.806	-.126	.001	.052	.102	.161	.231	.319	.419
	.854	-.109	-.002	.058	.107	.162	.229	.310	.404
LEEWARD WING	.854	.047	.001	-.101	-.148	-.199	-.223	-.228	-.209
	.806	.042	.000	-.108	-.173	-.210	-.222	-.228	-.211
	.759	.040	.001	-.117	-.173	-.207	-.223	-.232	-.219
	.664	.040	.006	-.129	-.180	-.215	-.232	-.239	-.224
	.569	.036	.005	-.016	-.154	-.193	-.211	-.207	-.197
	.473	.037	.006	-.016	-.068	-.116	-.148	-.150	-.191
	.379	.033	.004	-.021	-.051	-.083	-.134	-.179	-.202
	.274								
	.190								

Table 6. Continued

(c) $M_\infty = 2.40$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
BODY	0	-.021	.002	.026	.069	.126	.196	.292	.394
	15	-.021	.004	.029	.072	.129	.198	.293	.392
	30	-.025	.002	.030	.073	.132	.203	.298	.396
	45								
	60	.044	-.007	-.050	-.126	-.181	-.205	-.217	-.226
	75	.031	-.005	-.047	-.126	-.183	-.205	-.217	-.224
	90	.031	-.004	-.041	-.078	-.104	-.140	-.167	-.201
	105	.025	-.005	-.033	-.058	-.079	-.099	-.123	-.141
	120	.016	-.005	-.026	-.050	-.079	-.092	-.105	-.127
	135	.008	-.004	-.019	-.047	-.115	-.107	-.111	-.117
	150	.001	-.004	-.014	-.052	-.128	-.115	-.116	-.123
	165	-.001	-.003	-.010	-.035	-.058	-.117	-.125	-.133
	180	-.002	-.004	-.007	-.011	-.032	-.090	-.109	-.117
	195	.000	-.002	-.007	-.027	-.049	-.109	-.123	-.132
	210	.004	-.001	-.010	-.050	-.129	-.116	-.119	-.124
	225	.013	-.001	-.015	-.045	-.113	-.108	-.112	-.117
	240	.021	-.003	-.022	-.048	-.082	-.096	-.104	-.117
	255	.030	.000	-.026	-.053	-.074	-.096	-.112	-.127
	270	.033	.000	-.033	-.069	-.088	-.119	-.137	-.154
	285	.029	.000	-.037	-.095	-.152	-.192	-.209	-.215
	300	.045	-.005	-.046	-.109	-.163	-.192	-.208	-.216
	315								
	330	-.021	.004	.028	.071	.130	.198	.293	.394
	345	-.023	.002	.025	.067	.125	.193	.288	.390
	Y/S	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
WINDWARD WING	.050								
	.100								
	.150								
	.200	-.022	.003	.029	.072	.131	.200	.296	.398
	.250	-.021	.003	.029	.072	.131	.199	.294	.397
	.300	-.021	.000	.027	.070	.128	.195	.288	.391
	.350	-.090	.002	.029	.072	.130	.196	.288	.391
	.400	-.122	.003	.033	.077	.132	.196	.283	.384
	.425	-.109	.002	.036	.078	.131	.192	.274	.372
	.450	-.105	-.002	.049	.091	.139	.197	.277	.373
LEEWARD WING	.450	.057	-.027	-.119	-.189	-.212	-.220	-.225	-.227
	.425	.052	-.014	-.129	-.195	-.215	-.221	-.225	-.228
	.400	.048	-.009	-.135	-.197	-.216	-.223	-.228	-.230
	.350	.045	-.005	-.066	-.193	-.210	-.214	-.216	-.219
	.300	.044	-.006	-.047	-.131	-.167	-.189	-.206	-.219
	.250	.046	-.005	-.047	-.121	-.173	-.200	-.215	-.224
	.200	.046	-.001	-.044	-.117	-.171	-.199	-.215	-.223
	.150								
	.100								
	.050								

Table 6. Continued
(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
BODY	0	-.026	.001	.030	.078	.137	.205	.305	.413
	15	-.027	.002	.031	.079	.138	.207	.307	.415
	30	-.028	.002	.032	.080	.139	.207	.308	.417
	45								
	60	.039	.000	-.027	-.060	-.135	-.177	-.207	-.219
	75	.033	-.001	-.028	-.065	-.140	-.183	-.210	-.222
	90	.027	-.001	-.029	-.079	-.151	-.185	-.211	-.221
	105	.030	.000	-.027	-.070	-.117	-.154	-.188	-.212
	120	.028	.000	-.026	-.059	-.091	-.113	-.145	-.165
	135	.029	.000	-.024	-.062	-.082	-.103	-.120	-.136
	150	.028	.001	-.022	-.075	-.094	-.104	-.118	-.131
	165	.028	.002	-.018	-.045	-.069	-.097	-.111	-.120
	180	.028	.002	-.015	-.027	-.049	-.072	-.098	-.091
	195	.029	.003	-.016	-.036	-.062	-.088	-.107	-.112
	210	.029	.002	-.020	-.071	-.087	-.099	-.110	-.124
	225	.030	.002	-.021	-.060	-.073	-.098	-.114	-.131
	240	.028	-.001	-.025	-.055	-.082	-.109	-.139	-.155
	255	.029	-.001	-.027	-.060	-.107	-.144	-.175	-.200
	270	.021	-.004	-.030	-.070	-.142	-.185	-.211	-.224
	285	.033	-.004	-.031	-.063	-.130	-.178	-.208	-.223
	300	.038	-.004	-.029	-.058	-.125	-.170	-.200	-.217
	315								
	330	-.026	.002	.032	.080	.139	.207	.309	.415
	345	-.023	.004	.032	.079	.138	.206	.306	.413
	Y/S	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
WINDWARD WING	.075								
	.150								
	.225	-.026	.003	.034	.083	.141	.210	.312	.419
	.300	-.027	.001	.034	.083	.141	.211	.310	.418
	.375	-.023	.003	.035	.084	.143	.213	.310	.418
	.450	-.028	.003	.037	.086	.144	.214	.309	.416
	.524	-.120	.004	.040	.090	.147	.216	.308	.415
	.599	-.112	.006	.045	.094	.151	.218	.308	.409
	.637	-.107	.006	.048	.096	.151	.217	.304	.402
	.674	-.103	.004	.049	.096	.149	.211	.294	.387
	.674	.052	-.018	-.106	-.163	-.199	-.215	-.224	-.228
LEEWARD WING	.637	.047	-.009	-.113	-.185	-.205	-.216	-.224	-.227
	.599								
	.524	.042	-.003	-.123	-.186	-.208	-.220	-.227	-.228
	.450								
	.375	.038	.000	-.024	-.066	-.128	-.154	-.185	-.214
	.300	.037	-.001	-.026	-.055	-.135	-.183	-.212	-.223
	.225	.040	.002	-.025	-.058	-.135	-.176	-.207	-.219
	.150								
	.075								

Table 6. Continued
(c) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
BODY	0	-.027	.001	.031	.078	.133	.208	.311	.417
	15	-.026	.002	.031	.078	.136	.207	.312	.419
	30	-.027	.002	.031	.077	.134	.203	.309	.413
	45								
	60	.032	-.002	-.028	-.058	-.112	-.155	-.184	-.206
	75								
	90	.029	.000	-.026	-.063	-.132	-.166	-.183	-.205
	105	.032	.000	-.027	-.061	-.127	-.170	-.184	-.205
	120	.029	-.002	-.029	-.065	-.106	-.144	-.179	-.202
	135	.033	.002	-.024	-.070	-.100	-.129	-.157	-.182
	150	.031	.000	-.025	-.077	-.101	-.130	-.148	-.171
	165	.030	.000	-.022	-.044	-.074	-.099	-.111	-.126
	180	.030	-.001	-.021	-.034	-.061	-.070	-.088	-.097
	195	.032	.001	-.020	-.037	-.069	-.085	-.108	-.124
	210	.029	-.002	-.025	-.072	-.093	-.119	-.139	-.164
	225	.031	-.001	-.026	-.071	-.087	-.122	-.148	-.171
	240	.030	-.003	-.027	-.063	-.091	-.131	-.164	-.188
	255	.031	-.002	-.027	-.061	-.111	-.162	-.191	-.195
	270	.027	-.001	-.028	-.062	-.128	-.167	-.186	-.199
	285	.038	-.003	-.029	-.060	-.111	-.164	-.184	-.198
	300	.027	-.012	-.037	-.064	-.115	-.164	-.186	-.202
	315								
	330	-.027	.001	.031	.078	.135	.209	.311	.417
	345	-.027	.000	.030	.077	.133	.207	.311	.418
	Y/S	CP FOR ALPHA, DEG =							
		-3.66	.41	4.36	8.47	12.28	16.42	20.43	24.39
WINDWARD WING	.190	-.029	.000	.030	.077	.133	.206	.308	.414
	.274	-.026	.001	.032	.080	.139	.210	.311	.417
	.379	-.029	-.001	.031	.080	.140	.209	.311	.415
	.473	-.025	.000	.032	.083	.142	.211	.311	.415
	.569	-.036	.001	.036	.087	.144	.213	.309	.413
	.664	-.128	.002	.039	.089	.147	.216	.308	.412
	.759	-.102	.005	.048	.098	.154	.218	.305	.403
	.806	-.107	.005	.045	.095	.153	.218	.308	.409
	.854	-.097	.003	.050	.100	.153	.214	.296	.392
LEEWARD WING	.854	.049	-.011	-.098	-.146	-.184	-.206	-.207	-.201
	.806	.044	-.007	-.104	-.162	-.198	-.209	-.208	-.204
	.759	.042	-.005	-.112	-.168	-.197	-.209	-.209	-.207
	.664	.038	-.001	-.129	-.168	-.199	-.212	-.213	-.212
	.569	.036	-.001	-.023	-.159	-.197	-.204	-.199	-.208
	.473	.034	-.002	-.021	-.081	-.150	-.163	-.180	-.203
	.379	.032	-.003	-.026	-.057	-.107	-.140	-.185	-.206
	.274								
	.190								

Table 6. Continued

(d) $M_\infty = 2.86$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
BODY	0	.021	.002	.026	.060	.112	.176	.262
	15	.022	.004	.028	.063	.115	.179	.264
	30	.023	.002	.028	.062	.116	.180	.266
	45							
	60	-.048	-.006	-.047	-.099	-.131	-.147	-.137
	75	-.044	-.003	-.044	-.092	-.124	-.144	-.133
	90	-.038	-.003	-.037	-.069	-.085	-.098	-.101
	105	-.034	-.004	-.030	-.053	-.073	-.086	-.087
	120	-.029	-.006	-.025	-.046	-.075	-.084	-.082
	135	-.022	-.004	-.017	-.041	-.088	-.090	-.085
	150	-.020	-.005	-.014	-.041	-.091	-.096	-.090
	165	-.016	-.005	-.010	-.030	-.060	-.095	-.093
	180	-.014	-.005	-.008	-.013	-.037	-.077	-.083
	195	-.015	-.004	-.008	-.024	-.052	-.091	-.091
	210	-.016	-.003	-.011	-.039	-.089	-.096	-.090
	225	-.020	-.002	-.015	-.040	-.086	-.094	-.087
	240	-.026	-.003	-.023	-.045	-.074	-.084	-.081
	255	-.030	.000	-.027	-.050	-.071	-.083	-.080
	270	-.031	.002	-.031	-.061	-.078	-.087	-.087
	285	-.035	.003	-.035	-.074	-.100	-.125	-.129
	300	-.042	-.002	-.040	-.086	-.115	-.133	-.129
	315							
	330	.022	.004	.027	.061	.113	.177	.263
	345	.020	.002	.026	.060	.111	.174	.260
	Y/S	CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
WINDWARD WING	.050							
	.100							
	.150							
	.200	.022	.002	.027	.061	.114	.177	.265
	.250	.023	.003	.027	.061	.114	.177	.264
	.300	.020	.000	.025	.060	.111	.173	.259
	.350	.024	.000	.027	.063	.114	.175	.259
	.400	.026	-.003	.032	.068	.118	.178	.260
	.425	.029	-.003	.036	.070	.118	.176	.255
	.450	.033	-.006	.044	.081	.129	.184	.261
LEEWARD WING	.450	-.091	-.014	-.096	-.135	-.150	-.156	-.130
	.425	-.094	-.011	-.099	-.140	-.153	-.157	-.132
	.400	-.100	-.007	-.106	-.144	-.155	-.160	-.138
	.350	-.070	-.004	-.072	-.143	-.154	-.156	-.130
	.300	-.042	-.004	-.043	-.101	-.128	-.138	-.124
	.250	-.046	-.004	-.044	-.093	-.125	-.142	-.127
	.200	-.051	.001	-.042	-.096	-.126	-.145	-.142
	.150							
	.100							
	.050							

Table 6. Continued

(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
BODY	0	.013	.004	.030	.068	.124	.193	.278
	15	.015	.006	.032	.070	.127	.195	.281
	30	.013	.004	.032	.071	.128	.196	.282
	45							
	60	-.042	-.002	-.031	-.061	-.114	-.141	-.138
	75	-.043	-.002	-.031	-.067	-.118	-.144	-.139
	90	-.040	-.003	-.032	-.072	-.121	-.145	-.141
	105	-.039	-.002	-.029	-.059	-.094	-.116	-.121
	120	-.038	-.003	-.028	-.052	-.076	-.096	-.104
	135	-.035	-.001	-.024	-.053	-.072	-.079	-.088
	150	-.034	-.001	-.022	-.061	-.075	-.082	-.085
	165	-.032	-.001	-.019	-.039	-.068	-.079	-.079
	180	-.029	-.001	-.016	-.023	-.050	-.068	-.070
	195	-.028	.000	-.017	-.033	-.061	-.075	-.076
	210	-.033	-.001	-.021	-.059	-.071	-.078	-.080
	225	-.034	-.001	-.023	-.053	-.067	-.079	-.084
	240	-.038	-.004	-.028	-.052	-.074	-.092	-.099
	255	-.038	-.003	-.028	-.055	-.085	-.106	-.114
	270	-.044	-.007	-.033	-.067	-.111	-.137	-.143
	285	-.045	-.007	-.034	-.066	-.114	-.142	-.142
	300	-.038	-.004	-.032	-.059	-.105	-.137	-.138
	315							
	330	.014	.005	.032	.071	.124	.194	.279
	345	.018	.009	.036	.071	.126	.194	.279
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
	.075							
	.150							
	.225	.015	.005	.034	.074	.129	.198	.284
	.300	.017	.005	.035	.074	.128	.197	.284
	.375	.016	.005	.035	.076	.131	.199	.285
	.450	.018	.004	.036	.078	.132	.198	.286
	.524	.024	.007	.042	.083	.136	.202	.288
	.599	.025	.006	.045	.089	.141	.206	.291
	.637	.027	.003	.048	.091	.143	.207	.289
	.674	.028	-.005	.049	.092	.143	.203	.282
	.674	-.099	-.024	-.096	-.134	-.152	-.160	-.138
	.637	-.099	-.006	-.096	-.136	-.156	-.161	-.139
	.599							
	.524	-.109	-.001	-.104	-.142	-.156	-.162	-.138
	.450							
	.375	-.040	-.002	-.028	-.076	-.116	-.134	-.127
	.300	-.042	-.003	-.031	-.058	-.104	-.135	-.137
	.225	-.040	.000	-.029	-.059	-.111	-.138	-.134
	.150							
	.075							
LEEWARD WING								

Table 6. Concluded

(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
BODY	0	.026	.011	.044	.082	.138	.206	.297
	15	.027	.012	.045	.083	.139	.210	.301
	30	.030	.015	.048	.084	.139	.209	.300
	45							
	60	-.025	.000	-.022	-.045	-.099	-.123	-.130
	75							
	90	-.023	.005	-.020	-.051	-.106	-.125	-.127
	105	-.024	.005	-.020	-.050	-.096	-.124	-.127
	120	-.024	.001	-.025	-.051	-.074	-.099	-.114
	135	-.026	.002	-.022	-.057	-.070	-.084	-.092
	150	-.023	.002	-.022	-.060	-.073	-.085	-.088
	165	-.021	.005	-.016	-.034	-.062	-.077	-.072
	180	-.022	.000	-.019	-.029	-.053	-.066	-.067
	195	-.020	.001	-.019	-.031	-.059	-.072	-.075
	210	-.025	-.002	-.023	-.059	-.070	-.082	-.087
	225	-.026	.000	-.023	-.058	-.066	-.084	-.093
	240	-.024	-.002	-.025	-.050	-.070	-.096	-.105
	255	-.025	-.002	-.025	-.050	-.089	-.120	-.126
	270	-.023	.000	-.023	-.050	-.103	-.132	-.133
	285	-.026	-.003	-.025	-.046	-.095	-.130	-.132
	300	-.032	-.009	-.031	-.052	-.099	-.131	-.134
	315							
	330	.026	.011	.044	.082	.138	.207	.299
	345	.027	.012	.044	.082	.137	.207	.297
Y/S		CP FOR ALPHA, DEG =						
		-3.64	.32	4.40	8.44	12.35	16.48	19.50
WINDWARD WING	.190	.026	.011	.044	.081	.138	.206	.298
	.274	.031	.015	.049	.084	.141	.211	.300
	.379	.027	.012	.044	.082	.140	.211	.297
	.473	.030	.015	.046	.084	.141	.213	.299
	.569	.027	.013	.046	.084	.141	.215	.301
	.664	.030	.014	.050	.090	.146	.216	.306
	.759	.034	.015	.057	.100	.154	.217	.313
	.806	.035	.017	.057	.098	.153	.217	.313
	.854	.042	.015	.062	.103	.155	.215	.308
LEEWARD WING	.854	-.080	-.023	-.088	-.117	-.141	-.153	-.121
	.806	-.085	.002	-.088	-.123	-.147	-.154	-.126
	.759	-.090	.001	-.094	-.135	-.150	-.154	-.127
	.664	-.099	.001	-.103	-.135	-.149	-.155	-.125
	.569	-.054	.001	-.042	-.139	-.154	-.158	-.125
	.473	-.020	.004	-.016	-.078	-.127	-.139	-.112
	.379	-.026	-.001	-.024	-.048	-.096	-.116	-.118
	.274							
	.190							

Table 7. Configuration 5

(a) $M_\infty = 1.70$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
BODY	0								
	15								
	30								
	45	.039	-.001	-.047	-.102	-.197	-.276	-.351	-.410
	60	.039	.004	-.041	-.107	-.206	-.307	-.370	-.416
	75	.040	.010	-.036	-.102	-.207	-.299	-.375	-.421
	90								
	105	.032	.008	-.021	-.051	-.072	-.117	-.153	-.191
	120	.025	.007	-.015	-.042	-.066	-.133	-.141	-.156
	135	.021	.005	-.013	-.041	-.080	-.126	-.124	-.152
	150	.026	.010	-.004	-.038	-.124	-.193	-.116	-.145
	165	.025	.010	-.002	-.024	-.054	-.078	-.139	-.144
	180	.022	.008	-.004	-.009	-.025	-.047	-.122	-.123
	195	.030	.015	.001	-.017	-.045	-.070	-.124	-.134
	210	.026	.010	-.006	-.039	-.125	-.182	-.110	-.140
	225	.029	.010	-.009	-.036	-.076	-.114	-.113	-.143
	240	.030	.007	-.016	-.041	-.067	-.131	-.136	-.148
	255	.040	.010	-.018	-.045	-.067	-.115	-.141	-.159
	270	.035	.002	-.032	-.068	-.098	-.132	-.182	-.234
	285	.037	.004	-.034	-.078	-.151	-.228	-.319	-.413
	300	.032	-.004	-.047	-.097	-.188	-.282	-.359	-.410
	315	.039	-.006	-.052	-.099	-.158	-.243	-.342	-.399
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
WINDWARD WING	.050	-.013	.009	.039	.078	.132	.204	.298	.396
	.100	-.021	.003	.032	.071	.125	.197	.289	.387
	.150	-.014	.011	.041	.081	.136	.206	.297	.395
	.200	-.017	.009	.039	.079	.135	.205	.294	.391
	.250	-.022	.003	.034	.073	.130	.199	.284	.382
	.300	-.015	.007	.039	.078	.135	.203	.286	.384
	.350	-.047	.011	.046	.084	.140	.205	.286	.382
	.400	-.148	.014	.054	.093	.145	.206	.285	.377
	.425	-.147	.007	.052	.091	.140	.198	.274	.364
	.450	-.133	.006	.058	.096	.139	.193	.265	.353
LEEWARD WING	.450	.056	.002	-.148	-.253	-.363	-.393	-.416	-.432
	.425	.055	.005	-.150	-.251	-.360	-.397	-.418	-.434
	.400	.055	.007	-.175	-.263	-.360	-.399	-.422	-.437
	.350	.051	.007	-.044	-.218	-.336	-.351	-.370	-.388
	.300	.046	.006	-.037	-.105	-.187	-.207	-.285	-.370
	.250	.051	.010	-.036	-.088	-.155	-.250	-.359	-.410
	.200								
	.150								
	.100								
	.050								

Table 7. Continued

(a) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
BODY	0								
	15								
	30								
	45	.053	.017	-.012	-.048	-.113	-.208	-.302	-.347
	60	.055	.020	-.010	-.049	-.119	-.219	-.331	-.368
	75	.047	.019	-.011	-.055	-.128	-.226	-.321	-.364
	90								
	105	.041	.011	-.018	-.053	-.117	-.171	-.272	-.337
	120	.044	.016	-.012	-.041	-.079	-.112	-.171	-.247
	135	.040	.015	-.013	-.045	-.076	-.099	-.139	-.209
	150	.038	.015	-.011	-.056	-.105	-.110	-.132	-.191
	165	.042	.020	-.003	-.030	-.060	-.093	-.117	-.156
	180	.039	.017	-.005	-.022	-.042	-.077	-.100	-.132
	195	.039	.016	-.006	-.031	-.060	-.088	-.106	-.145
	210	.044	.019	-.006	-.050	-.088	-.092	-.112	-.162
	225	.045	.018	-.008	-.040	-.063	-.086	-.117	-.181
	240	.045	.017	-.009	-.038	-.072	-.100	-.144	-.220
	255	.042	.013	-.014	-.044	-.097	-.147	-.217	-.304
	270	.043	.013	-.016	-.049	-.123	-.218	-.327	-.380
	285	.044	.014	-.017	-.051	-.120	-.207	-.306	-.368
	300	.048	.008	-.021	-.055	-.113	-.187	-.319	-.384
	315	.045	.006	-.024	-.055	-.106	-.185	-.289	-.355
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
WINDWARD WING	.075	-.024	.010	.047	.092	.158	.225	.317	.415
	.150	-.025	.008	.046	.091	.154	.224	.313	.412
	.225	-.025	.008	.046	.092	.153	.224	.311	.410
	.300	-.030	.002	.040	.087	.147	.217	.302	.401
	.375	-.019	.013	.052	.099	.158	.227	.312	.408
	.450	-.012	.014	.057	.103	.162	.228	.314	.406
	.524	-.112	.007	.053	.097	.156	.223	.303	.393
	.599	-.149	.016	.066	.109	.166	.234	.306	.393
	.637	-.130	.014	.070	.112	.166	.230	.300	.385
	.674	-.121	.013	.075	.117	.167	.223	.291	.372
LEEWARD WING	.674	.073	.019	-.109	-.201	-.289	-.351	-.374	-.390
	.637	.064	.014	-.116	-.207	-.290	-.353	-.382	-.397
	.599	.061	.017	-.154	-.204	-.292	-.360	-.391	-.405
	.524	.057	.018	-.074	-.272	-.333	-.377	-.379	-.379
	.450	.053	.016	-.005	-.119	-.223	-.278	-.296	-.306
	.375	.056	.020	-.006	-.048	-.111	-.183	-.243	-.305
	.300	.055	.019	-.010	-.044	-.102	-.200	-.328	-.370
	.225	.053	.017	-.012	-.049	-.117	-.213	-.310	-.355
	.150								
.075									

Table 7. Continued
(a) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
BODY	0								
	15								
	30								
	45	.048	.009	-.023	-.058	-.092	-.155	-.266	-.316
	60	.052	.013	-.020	-.057	-.105	-.183	-.266	-.316
	75								
	90	.043	.009	-.024	-.069	-.145	-.212	-.245	-.315
	105	.048	.014	-.018	-.062	-.127	-.226	-.258	-.328
	120	.043	.009	-.021	-.061	-.110	-.176	-.257	-.351
	135	.054	.020	-.010	-.055	-.095	-.148	-.199	-.307
	150	.048	.014	-.016	-.066	-.116	-.144	-.181	-.279
	165	.044	.013	-.017	-.042	-.071	-.115	-.142	-.186
	180	.045	.015	-.013	-.033	-.051	-.091	-.100	-.111
	195	.048	.017	-.011	-.034	-.061	-.100	-.114	-.149
	210	.047	.014	-.014	-.060	-.091	-.127	-.150	-.234
	225	.043	.010	-.018	-.057	-.083	-.136	-.181	-.278
	240	.040	.007	-.021	-.055	-.086	-.150	-.230	-.329
	255	.042	.010	-.019	-.055	-.106	-.197	-.303	-.328
	270	.034	.002	-.028	-.065	-.132	-.225	-.295	-.320
	285	.037	.005	-.025	-.062	-.112	-.179	-.272	-.318
	300	.031	-.008	-.037	-.075	-.114	-.191	-.286	-.321
	315	-.009	-.042	-.069	-.102	-.131	-.182	-.255	-.319
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	-.03	4.02	8.03	11.03	16.01	20.03	24.03
WINDWARD WING	.190	-.027	.002	.039	.088	.150	.219	.307	.409
	.274	-.027	.003	.041	.089	.156	.221	.309	.409
	.379	-.027	.003	.041	.091	.155	.220	.308	.409
	.473	-.027	.001	.041	.090	.151	.219	.305	.405
	.569	-.013	.009	.051	.102	.162	.230	.316	.411
	.664	-.122	.008	.052	.104	.164	.231	.314	.406
	.759	-.156	.009	.060	.107	.168	.231	.309	.399
	.806	-.129	.004	.059	.103	.165	.223	.298	.386
	.854	-.128	-.001	.059	.101	.159	.212	.283	.366
LEEWARD WING	.854	.066	.014	-.108	-.199	-.279	-.345	-.338	-.346
	.806	.063	.015	-.111	-.209	-.282	-.337	-.338	-.353
	.759	.063	.017	-.142	-.199	-.274	-.333	-.351	-.371
	.664	.058	.015	-.104	-.266	-.315	-.373	-.366	-.355
	.569	.060	.019	-.004	-.156	-.261	-.301	-.271	-.309
	.473								
	.379	.059	.019	-.014	-.050	-.092	-.134	-.281	-.314
	.274	.049	.011	-.022	-.056	-.105	-.172	-.267	-.316
	.190								

Table 7. Continued

(b) $M_\infty = 2.16$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
BODY	0								
	15								
	30								
	45	.042	.000	-.044	-.105	-.187	-.223	-.240	-.251
	60	.034	.002	-.042	-.113	-.193	-.227	-.244	-.255
	75	.034	.004	-.037	-.093	-.144	-.199	-.235	-.255
	90								
	105	.025	.002	-.024	-.048	-.065	-.096	-.108	-.126
	120	.016	.002	-.018	-.040	-.071	-.094	-.103	-.108
	135	.012	.004	-.012	-.033	-.093	-.097	-.110	-.108
	150	.007	.003	-.009	-.036	-.137	-.105	-.113	-.115
	165	.007	.004	-.004	-.024	-.043	-.106	-.117	-.131
	180	.007	.004	-.002	-.005	-.009	-.071	-.097	-.106
	195	.009	.005	-.003	-.019	-.033	-.099	-.102	-.124
	210	.014	.007	-.004	-.035	-.129	-.095	-.100	-.114
	225	.019	.008	-.008	-.034	-.093	-.089	-.103	-.109
	240	.023	.005	-.016	-.039	-.071	-.097	-.097	-.102
	255	.030	.006	-.021	-.046	-.065	-.096	-.097	-.108
	270	.033	.006	-.027	-.061	-.074	-.103	-.114	-.125
	285	.030	.006	-.032	-.075	-.111	-.150	-.192	-.231
	300	.030	.000	-.039	-.097	-.168	-.211	-.225	-.235
	315	.041	-.001	-.044	-.101	-.165	-.198	-.216	-.230
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
WINDWARD WING	.050	-.023	-.002	.024	.064	.119	.189	.276	.374
	.100	-.024	-.002	.024	.064	.118	.189	.277	.376
	.150	-.024	-.001	.025	.065	.118	.189	.277	.378
	.200	-.022	.000	.028	.068	.120	.190	.278	.379
	.250	-.020	.002	.031	.072	.124	.193	.280	.381
	.300	-.018	-.001	.030	.072	.124	.194	.279	.378
	.350	-.098	-.001	.034	.076	.127	.196	.279	.377
	.400	-.128	-.002	.037	.079	.129	.196	.277	.373
	.425	-.126	-.003	.041	.083	.131	.197	.276	.370
	.450	-.115	-.009	.044	.084	.129	.194	.268	.360
LEEWARD WING	.450	.063	.003	-.121	-.199	-.242	-.253	-.257	-.259
	.425	.061	.005	-.128	-.204	-.242	-.253	-.258	-.260
	.400	.055	.002	-.137	-.209	-.246	-.255	-.261	-.263
	.350	.049	.004	-.051	-.203	-.246	-.249	-.250	-.249
	.300	.047	.003	-.037	-.120	-.199	-.209	-.225	-.239
	.250	.046	.002	-.041	-.103	-.181	-.218	-.245	-.256
	.200								
	.150								
	.100								
	.050								

Table 7. Continued

(b) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
BODY	0								
	15								
	30								
	45	.034	-.001	-.033	-.061	-.121	-.192	-.230	-.252
	60	.037	.001	-.030	-.062	-.133	-.208	-.242	-.258
	75	.026	.001	-.028	-.069	-.138	-.207	-.237	-.257
	90								
	105	.032	.005	-.022	-.055	-.098	-.141	-.180	-.209
	120	.030	.003	-.025	-.052	-.086	-.104	-.137	-.162
	135	.031	.005	-.023	-.053	-.081	-.086	-.116	-.130
	150	.030	.004	-.021	-.064	-.111	-.087	-.116	-.125
	165	.028	.003	-.018	-.042	-.056	-.090	-.111	-.113
	180	.030	.004	-.014	-.030	-.037	-.073	-.087	-.087
	195	.030	.004	-.014	-.038	-.050	-.079	-.094	-.102
	210	.028	.002	-.019	-.065	-.104	-.081	-.102	-.113
	225	.030	.003	-.021	-.054	-.073	-.081	-.105	-.117
	240	.029	.001	-.025	-.050	-.079	-.097	-.123	-.148
	255	.030	.002	-.024	-.051	-.093	-.115	-.156	-.186
	270	.025	-.003	-.031	-.058	-.126	-.172	-.220	-.254
	285	.021	-.004	-.032	-.060	-.131	-.203	-.237	-.257
	300	.043	.003	-.027	-.054	-.106	-.189	-.231	-.249
	315	.040	.000	-.030	-.054	-.097	-.183	-.221	-.245
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
WINDWARD WING	.075	-.032	-.004	.028	.067	.123	.200	.283	.382
	.150	-.033	-.006	.027	.067	.122	.197	.281	.380
	.225	-.032	-.006	.028	.070	.125	.198	.282	.381
	.300	-.031	-.005	.031	.074	.129	.201	.284	.385
	.375	-.030	-.006	.030	.075	.129	.201	.282	.382
	.450	-.029	-.006	.031	.077	.130	.203	.282	.379
	.524	-.133	-.001	.039	.084	.138	.209	.286	.383
	.599	-.128	-.004	.040	.084	.137	.206	.280	.375
	.637	-.123	-.004	.044	.087	.140	.205	.278	.370
	.674	-.114	-.007	.046	.090	.140	.201	.270	.357
LEEWARD WING	.674	.057	.004	-.104	-.166	-.228	-.255	-.265	-.270
	.637	.057	.008	-.107	-.189	-.235	-.254	-.264	-.269
	.599	.052	.006	-.122	-.188	-.234	-.255	-.265	-.270
	.524	.048	.007	-.109	-.198	-.241	-.260	-.269	-.271
	.450	.043	.006	-.016	-.141	-.205	-.227	-.237	-.241
	.375	.038	.004	-.022	-.065	-.118	-.168	-.197	-.222
	.300	.036	.001	-.028	-.056	-.105	-.186	-.234	-.257
	.225	.037	.002	-.029	-.057	-.122	-.196	-.232	-.251
	.150								
	.075								

Table 7. Continued

(b) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
BODY	0								
	15								
	30								
	45	.042	.006	-.022	-.049	-.093	-.152	-.189	-.216
	60	.044	.007	-.022	-.053	-.106	-.169	-.189	-.216
	75								
	90	.038	.008	-.019	-.056	-.122	-.177	-.175	-.211
	105	.038	.006	-.021	-.055	-.109	-.171	-.181	-.213
	120	.037	.006	-.021	-.052	-.095	-.128	-.178	-.207
	135	.035	.006	-.018	-.056	-.092	-.113	-.160	-.190
	150	.036	.007	-.018	-.062	-.101	-.109	-.149	-.180
	165	.038	.008	-.015	-.033	-.054	-.091	-.114	-.119
	180	.039	.007	-.014	-.027	-.043	-.072	-.076	-.072
	195	.038	.008	-.014	-.030	-.053	-.082	-.091	-.111
	210	.035	.006	-.020	-.059	-.091	-.099	-.125	-.156
	225	.037	.007	-.020	-.049	-.076	-.102	-.135	-.165
	240	.036	.005	-.022	-.045	-.080	-.116	-.155	-.188
	255	.037	.005	-.023	-.047	-.091	-.156	-.197	-.219
	270	.034	.005	-.023	-.051	-.105	-.177	-.210	-.211
	285	.033	.002	-.026	-.054	-.096	-.167	-.207	-.212
	300	.039	.000	-.029	-.057	-.095	-.177	-.209	-.206
	315	.015	-.020	-.046	-.072	-.099	-.161	-.193	-.208
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.99	.01	4.01	8.00	11.99	16.03	20.04	23.99
WINDWARD WING	.190	-.031	-.003	.028	.073	.131	.200	.287	.391
	.274	-.030	-.001	.033	.079	.136	.206	.294	.394
	.379	-.030	-.002	.032	.078	.136	.204	.294	.393
	.473	-.024	-.001	.035	.080	.138	.206	.296	.393
	.569	-.032	-.004	.034	.080	.135	.204	.294	.388
	.664	-.143	-.003	.037	.082	.138	.207	.293	.389
	.759	-.124	-.007	.038	.085	.139	.207	.288	.383
	.806	-.116	-.007	.042	.090	.143	.209	.288	.380
	.854	-.111	-.009	.045	.093	.143	.207	.281	.369
LEEWARD WING	.854	.058	.007	-.092	-.145	-.207	-.238	-.246	-.234
	.806	.053	.006	-.098	-.171	-.224	-.241	-.247	-.239
	.759	.050	.005	-.111	-.172	-.221	-.242	-.247	-.244
	.664	.050	.008	-.120	-.180	-.221	-.246	-.252	-.243
	.569	.047	.008	-.013	-.156	-.214	-.229	-.217	-.219
	.473								
	.379	.043	.007	-.021	-.049	-.092	-.142	-.199	-.217
	.274	.044	.008	-.021	-.048	-.107	-.156	-.189	-.215
.190									

Table 7. Continued

(c) $M_\infty = 2.40$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
BODY	0								
	15								
	30								
	45	.051	.005	-.040	-.106	-.153	-.177	-.189	-.197
	60	.042	.005	-.040	-.110	-.159	-.181	-.194	-.204
	75	.039	.009	-.033	-.086	-.121	-.153	-.182	-.201
	90								
	105	.031	.006	-.022	-.044	-.061	-.084	-.096	-.109
	120	.021	.004	-.016	-.038	-.066	-.084	-.094	-.104
	135	.015	.005	-.008	-.033	-.101	-.095	-.101	-.108
	150	.009	.004	-.004	-.036	-.118	-.100	-.105	-.113
	165	.008	.005	.000	-.023	-.045	-.103	-.112	-.120
	180	.007	.005	.002	-.002	-.016	-.075	-.095	-.108
	195	.008	.007	.003	-.017	-.034	-.093	-.104	-.121
	210	.013	.008	.001	-.033	-.115	-.091	-.106	-.121
	225	.019	.009	-.003	-.032	-.097	-.091	-.102	-.115
	240	.026	.008	-.011	-.035	-.068	-.087	-.091	-.106
	255	.033	.009	-.016	-.043	-.061	-.085	-.091	-.107
	270	.035	.008	-.023	-.057	-.071	-.096	-.099	-.112
	285	.031	.006	-.030	-.074	-.100	-.120	-.145	-.182
	300	.037	.003	-.038	-.092	-.140	-.168	-.180	-.188
	315	.047	.001	-.041	-.097	-.136	-.157	-.169	-.183
	330								
	345								
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
WINDWARD WING	.050	-.017	.005	.030	.071	.127	.194	.281	.394
	.100	-.018	.004	.029	.070	.125	.192	.279	.392
	.150	-.017	.006	.032	.073	.128	.196	.282	.395
	.200	-.016	.007	.033	.074	.130	.198	.283	.394
	.250	-.014	.008	.036	.077	.133	.200	.284	.394
	.300	-.013	.006	.035	.077	.133	.199	.283	.391
	.350	-.089	.005	.037	.080	.135	.201	.282	.389
	.400	-.113	.003	.041	.085	.138	.203	.282	.386
	.425	-.105	.000	.045	.089	.140	.204	.281	.382
	.450	-.101	-.012	.047	.090	.139	.200	.273	.370
LEEWARD WING	.450	.070	-.002	-.105	-.168	-.194	-.202	-.205	-.205
	.425	.066	.008	-.114	-.173	-.196	-.202	-.205	-.206
	.400	.060	.006	-.121	-.178	-.198	-.204	-.207	-.209
	.350	.056	.008	-.056	-.177	-.198	-.202	-.200	-.198
	.300	.053	.008	-.035	-.120	-.164	-.172	-.178	-.188
	.250	.053	.007	-.038	-.105	-.147	-.171	-.190	-.199
	.200								
	.150								
	.100								
	.050								

Table 7. Continued
(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
BODY	0								
	15								
	30								
	45	.041	.004	-.026	-.059	-.127	-.174	-.203	-.216
	60	.044	.006	-.023	-.061	-.136	-.181	-.205	-.215
	75	.031	.006	-.024	-.073	-.140	-.182	-.205	-.216
	90								
	105	.037	.008	-.019	-.055	-.093	-.120	-.150	-.174
	120	.034	.007	-.019	-.048	-.076	-.096	-.125	-.139
	135	.034	.008	-.016	-.049	-.066	-.083	-.101	-.119
	150	.032	.008	-.015	-.060	-.077	-.083	-.097	-.110
	165	.031	.008	-.012	-.038	-.061	-.085	-.094	-.101
	180	.031	.008	-.009	-.021	-.043	-.066	-.085	-.080
	195	.030	.008	-.010	-.032	-.055	-.074	-.090	-.096
	210	.029	.007	-.014	-.059	-.077	-.080	-.092	-.104
	225	.031	.007	-.015	-.050	-.061	-.081	-.095	-.112
	240	.029	.005	-.019	-.047	-.072	-.091	-.109	-.129
	255	.032	.006	-.019	-.050	-.088	-.106	-.129	-.161
	270	.027	.002	-.024	-.058	-.113	-.148	-.182	-.220
	285	.023	.001	-.026	-.061	-.139	-.179	-.201	-.218
	300	.043	.005	-.023	-.055	-.119	-.172	-.196	-.213
	315	.042	.005	-.024	-.055	-.107	-.165	-.193	-.212
	330								
	345								
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
WINDWARD WING	.075	-.023	.001	.032	.076	.135	.202	.288	.404
	.150	-.024	.000	.031	.076	.133	.201	.288	.402
	.225	-.024	.000	.032	.077	.134	.201	.289	.402
	.300	-.023	.001	.033	.079	.135	.202	.291	.402
	.375	-.022	.000	.033	.079	.136	.203	.291	.401
	.450	-.028	-.001	.034	.080	.136	.204	.291	.400
	.524	-.115	.001	.039	.085	.141	.208	.294	.400
	.599	-.112	-.002	.041	.087	.141	.209	.291	.394
	.637	-.107	-.003	.045	.089	.143	.209	.290	.388
	.674	-.100	-.007	.048	.092	.144	.207	.285	.376
LEEWARD WING	.674	.061	.002	-.100	-.158	-.194	-.211	-.219	-.222
	.637	.060	.006	-.103	-.171	-.199	-.212	-.218	-.221
	.599	.055	.004	-.114	-.174	-.201	-.212	-.218	-.222
	.524	.051	.007	-.115	-.177	-.204	-.213	-.219	-.222
	.450	.047	.007	-.019	-.152	-.190	-.202	-.207	-.210
	.375	.045	.008	-.020	-.072	-.131	-.162	-.182	-.200
	.300	.043	.006	-.024	-.054	-.109	-.158	-.196	-.214
	.225	.044	.007	-.023	-.056	-.126	-.173	-.199	-.211
	.150								
	.075								

Table 7. Continued

(c) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
BODY	0								
	15								
	30								
	45	.043	.007	-.018	-.045	-.096	-.139	-.167	-.191
	60	.045	.007	-.019	-.050	-.109	-.155	-.166	-.191
	75								
	90	.037	.011	-.016	-.053	-.129	-.161	-.170	-.186
	105	.041	.010	-.018	-.052	-.098	-.142	-.174	-.189
	120	.040	.009	-.019	-.051	-.076	-.110	-.141	-.166
	135	.040	.011	-.016	-.056	-.066	-.096	-.124	-.151
	150	.040	.010	-.014	-.062	-.071	-.094	-.117	-.143
	165	.040	.011	-.012	-.036	-.061	-.081	-.097	-.112
	180	.039	.010	-.010	-.026	-.050	-.061	-.076	-.081
	195	.040	.011	-.010	-.030	-.058	-.071	-.087	-.108
	210	.036	.008	-.015	-.058	-.072	-.088	-.106	-.135
	225	.038	.009	-.015	-.054	-.064	-.088	-.109	-.140
	240	.037	.008	-.016	-.048	-.070	-.098	-.127	-.156
	255	.038	.009	-.018	-.046	-.089	-.128	-.161	-.191
	270	.034	.008	-.018	-.048	-.110	-.160	-.185	-.189
	285	.036	.006	-.021	-.050	-.102	-.151	-.182	-.192
	300	.040	.003	-.024	-.052	-.099	-.156	-.185	-.192
	315	.021	-.012	-.037	-.062	-.100	-.144	-.170	-.190
	330								
	345								
Y/S		CP FOR ALPHA, DEG =							
		-3.97	.04	3.98	8.06	12.02	15.95	20.00	24.03
WINDWARD WING	.190	-.020	.005	.035	.079	.135	.207	.297	.405
	.274	-.020	.006	.038	.083	.141	.210	.300	.410
	.379	-.021	.004	.037	.082	.142	.209	.299	.407
	.473	-.017	.005	.039	.086	.145	.211	.301	.408
	.569	-.032	.003	.039	.087	.144	.211	.297	.403
	.664	-.121	.004	.043	.090	.146	.214	.298	.401
	.759	-.104	.002	.045	.092	.148	.214	.295	.395
	.806	-.098	.001	.049	.097	.151	.215	.295	.392
	.854	-.092	-.002	.052	.099	.151	.212	.289	.381
LEEWARD WING	.854	.063	.009	-.084	-.133	-.179	-.199	-.207	-.194
	.806	.058	.010	-.090	-.153	-.194	-.205	-.208	-.198
	.759	.054	.009	-.100	-.163	-.195	-.206	-.209	-.202
	.664	.051	.012	-.115	-.159	-.192	-.205	-.209	-.201
	.569	.047	.010	-.011	-.155	-.194	-.203	-.207	-.197
	.473								
	.379	.043	.008	-.016	-.044	-.101	-.135	-.167	-.191
	.274	.044	.009	-.017	-.043	-.107	-.147	-.166	-.190
	.190								

Table 7. Continued

(d) $M_\infty = 2.86$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
BODY	0						
	15						
	30						
	45	.048	.010	-.029	-.073	-.095	-.109
	60	.037	.009	-.031	-.076	-.102	-.116
	75	.035	.011	-.024	-.063	-.077	-.088
	90						
	105	.027	.009	-.014	-.037	-.052	-.069
	120	.016	.007	-.010	-.031	-.054	-.067
	135	.010	.008	-.003	-.025	-.074	-.075
	150	.008	.007	.000	-.026	-.077	-.080
	165	.010	.007	.004	-.016	-.041	-.080
	180	.011	.006	.005	.000	-.017	-.060
	195	.011	.008	.005	-.011	-.031	-.073
	210	.013	.010	.003	-.023	-.072	-.076
	225	.020	.012	.000	-.024	-.069	-.077
	240	.026	.011	-.007	-.029	-.052	-.068
	255	.034	.014	-.011	-.035	-.053	-.069
	270	.036	.014	-.014	-.048	-.059	-.073
	285	.030	.013	-.018	-.057	-.069	-.074
	300	.037	.011	-.026	-.065	-.087	-.103
	315	.047	.008	-.029	-.066	-.087	-.098
	330						
	345						
	Y/S	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
WINDWARD WING	.050	-.006	.009	.033	.071	.122	.188
	.100	-.007	.009	.034	.069	.120	.186
	.150	-.008	.010	.033	.073	.123	.189
	.200	-.008	.010	.035	.073	.124	.190
	.250	-.006	.011	.037	.075	.127	.193
	.300	-.008	.010	.037	.075	.127	.192
	.350	-.078	.011	.039	.078	.129	.194
	.400	-.083	.010	.042	.083	.133	.197
	.425	-.076	.000	.045	.086	.136	.199
	.450	-.078	-.013	.049	.088	.136	.197
LEEWARD WING	.450	.061	.003	-.079	-.114	-.128	-.133
	.425	.060	.008	-.081	-.118	-.130	-.134
	.400	.053	.009	-.088	-.121	-.132	-.136
	.350	.049	.012	-.056	-.122	-.133	-.135
	.300	.047	.011	-.024	-.084	-.109	-.114
	.250	.048	.010	-.029	-.071	-.095	-.106
	.200						
	.150						
	.100						
	.050						

Table 7. Continued

(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
BODY	0						
	15						
	30						
	45	.047	.011	-.019	-.057	-.097	-.129
	60	.049	.013	-.017	-.057	-.102	-.128
	75	.035	.014	-.017	-.064	-.109	-.131
	90						
	105	.038	.015	-.012	-.037	-.061	-.078
	120	.035	.013	-.011	-.033	-.056	-.070
	135	.034	.014	-.007	-.034	-.047	-.060
	150	.031	.013	-.005	-.042	-.050	-.059
	165	.030	.013	-.003	-.025	-.048	-.060
	180	.029	.013	-.001	-.007	-.034	-.052
	195	.032	.014	-.001	-.018	-.041	-.058
	210	.031	.012	-.005	-.043	-.051	-.062
	225	.034	.013	-.006	-.036	-.045	-.061
	240	.033	.010	-.011	-.034	-.054	-.066
	255	.037	.012	-.012	-.036	-.057	-.071
	270	.032	.009	-.018	-.047	-.073	-.094
	285	.033	.009	-.019	-.055	-.097	-.128
	300	.050	.011	-.020	-.053	-.093	-.122
	315	.050	.011	-.019	-.052	-.087	-.117
	330						
	345						
	Y/S	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
WINDWARD WING	.075	-.004	.013	.040	.081	.134	.205
	.150	-.005	.012	.039	.080	.133	.204
	.225	-.004	.012	.040	.082	.135	.205
	.300	-.004	.012	.041	.082	.136	.206
	.375	-.001	.012	.042	.083	.137	.206
	.450	-.013	.011	.042	.085	.138	.208
	.524	-.079	.014	.048	.092	.144	.213
	.599	-.074	.012	.050	.094	.147	.213
	.637	-.071	.012	.053	.098	.150	.214
	.674	-.069	-.006	.056	.101	.150	.213
LEEWARD WING	.674	.067	.005	-.078	-.119	-.135	-.142
	.637	.064	.015	-.076	-.117	-.134	-.143
	.599	.060	.015	-.079	-.120	-.136	-.143
	.524	.056	.015	-.085	-.122	-.136	-.143
	.450	.052	.014	-.017	-.123	-.139	-.144
	.375	.050	.014	-.014	-.072	-.110	-.126
	.300	.048	.013	-.017	-.055	-.092	-.123
	.225	.049	.014	-.015	-.053	-.093	-.123
	.150						
	.075						

Table 7. Concluded

(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
BODY	0						
	15						
	30						
	45	.049	.015	-.010	-.031	-.077	-.110
	60	.050	.015	-.010	-.033	-.084	-.117
	75						
	90	.041	.018	-.008	-.042	-.092	-.121
	105	.043	.016	-.007	-.038	-.070	-.098
	120	.041	.015	-.010	-.035	-.055	-.079
	135	.043	.016	-.008	-.039	-.046	-.066
	150	.040	.015	-.007	-.046	-.046	-.061
	165	.039	.015	-.003	-.022	-.044	-.056
	180	.038	.014	-.005	-.014	-.038	-.049
	195	.040	.015	-.004	-.019	-.041	-.054
	210	.038	.012	-.009	-.045	-.049	-.063
	225	.040	.013	-.009	-.042	-.048	-.065
	240	.039	.012	-.010	-.036	-.051	-.070
	255	.039	.013	-.010	-.035	-.064	-.087
	270	.034	.014	-.010	-.036	-.082	-.115
	285	.041	.011	-.013	-.038	-.083	-.115
	300	.042	.008	-.018	-.039	-.081	-.119
	315	.031	-.002	-.026	-.046	-.076	-.109
	330						
	345						
	Y/S	CP FOR ALPHA, DEG =					
		-4.03	.02	4.04	8.01	11.99	16.01
WINDWARD WING	.190	-.007	.021	.052	.088	.143	.215
	.274	-.004	.025	.054	.092	.146	.219
	.379	-.006	.023	.052	.091	.146	.220
	.473	-.001	.024	.055	.092	.147	.223
	.569	-.026	.022	.055	.093	.146	.222
	.664	-.085	.022	.058	.098	.150	.223
	.759	-.072	.019	.060	.102	.153	.222
	.806	-.063	.021	.064	.106	.157	.223
	.854	-.065	.015	.067	.109	.158	.222
LEEWARD WING	.854	.067	.013	-.071	-.109	-.130	-.141
	.806	.062	.019	-.072	-.110	-.131	-.142
	.759	.058	.017	-.077	-.118	-.135	-.141
	.664	.055	.018	-.083	-.120	-.135	-.141
	.569	.051	.017	-.018	-.127	-.140	-.145
	.473						
	.379	.049	.016	-.009	-.036	-.080	-.106
	.274	.050	.019	-.006	-.029	-.076	-.111
	.190						

Table 8. Configuration 6

(a) $M_\infty = 1.70$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
BODY	0								
	15	-.002	.001	.005	.010	.025	.072	.139	.218
	30	-.005	-.001	.002	-.003	-.012	.019	.074	.140
	45	-.006	.001	.003	-.015	-.059	-.053	-.017	.029
	60	-.012	.000	.004	-.016	-.079	-.140	-.129	-.103
	75	-.016	.004	.013	.004	-.020	-.145	-.224	-.225
	90	-.022	.001	.019	.025	.023	-.038	-.119	-.165
	105	-.020	.004	.027	.036	.035	-.016	-.093	-.125
	120	-.026	-.002	.020	.006	-.032	-.015	-.062	-.111
	135								
	150	.046	.002	-.033	-.082	-.125	-.108	-.131	-.162
	165	.048	.005	-.029	-.070	-.105	-.111	-.150	-.156
	180	.047	.005	-.026	-.052	-.078	-.087	-.131	-.123
	195	.048	.006	-.026	-.058	-.083	-.096	-.138	-.137
	210	.043	.002	-.030	-.072	-.109	-.085	-.117	-.150
	225								
	240	-.026	-.003	.015	.008	-.033	-.037	-.065	-.114
	255	-.023	-.001	.017	.027	.020	-.025	-.092	-.116
	270	-.019	.001	.013	.021	.021	-.031	-.101	-.141
	285	-.015	.002	.008	.002	-.016	-.113	-.199	-.228
	300	-.012	.000	.001	-.017	-.074	-.156	-.147	-.128
	315	-.009	-.001	-.002	-.019	-.070	-.068	-.039	-.002
	330	-.005	.000	.001	-.005	-.020	.012	.061	.119
	345	-.004	.000	.003	.008	.018	.067	.130	.205
WINDWARD WING	Y/S								
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.023	.000	.024	.043	.044	-.006	-.055	-.106
	.350	-.017	.001	.029	.063	.103	-.003	-.061	-.113
	.400	-.098	-.002	.029	.062	.110	.102	.022	-.017
	.425	-.138	.000	.032	.061	.103	.141	.080	.055
	.450	-.133	-.001	.035	.061	.098	.146	.117	.124
	.450	.058	-.002	-.127	-.178	-.210	-.233	-.220	-.261
	.425	.050	-.004	-.150	-.199	-.221	-.252	-.205	-.242
	.400	.051	.003	-.071	-.202	-.228	-.234	-.178	-.215
	.350	.050	.003	-.029	-.108	-.190	-.138	-.131	-.173
	.300	.048	.002	-.032	-.066	-.097	-.092	-.136	-.167
	.250								
	.200								
	.150								
	.100								
	.050								
LEEWARD WING									

Table 8. Continued

(a) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
BODY	0	-.009	.003	.020	.048	.087	.082	.155	.226
	15	-.009	.003	.020	.046	.078	.076	.135	.204
	30	-.009	.005	.021	.043	.061	.063	.070	.132
	45	-.010	.006	.021	.039	.043	.031	-.027	.020
	60	-.012	.005	.020	.034	.035	.016	-.049	-.108
	75	-.014	.005	.020	.041	.047	.050	.030	.001
	90	-.020	.002	.020	.044	.058	.065	.056	.036
	105	-.017	.005	.024	.047	.058	.062	.053	.031
	120	-.021	-.002	.013	.022	.019	.008	-.016	-.019
	135								
	150	.043	.001	-.038	-.075	-.102	-.138	-.174	-.199
	165	.042	.000	-.040	-.081	-.110	-.149	-.181	-.207
	180	.043	.002	-.037	-.078	-.108	-.145	-.171	-.200
	195	.036	-.004	-.045	-.086	-.114	-.151	-.178	-.211
	210	.043	.001	-.040	-.078	-.101	-.134	-.166	-.201
	225								
	240	-.014	.005	.019	.023	.020	.012	-.011	-.011
	255	.174	.179	.184	.186	.190	.192	.196	.200
	270	.155	.159	.164	.165	.169	.172	.174	.179
	285	-.017	.002	.013	.026	.035	.050	.031	.016
	300	-.014	.005	.013	.022	.023	.014	-.039	-.125
	315	-.013	.002	.012	.022	.028	.017	-.052	-.015
	330	-.013	.001	.013	.030	.049	.048	.047	.103
	345	-.009	.004	.021	.045	.078	.077	.127	.195
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
	.075								
	.150								
	.225								
	.300	-.012	.006	.025	.044	.042	.065	.039	.018
	.375	-.010	.006	.029	.058	.055	.041	-.021	-.058
	.450	-.009	.003	.026	.055	.094	.145	.139	.067
	.524	-.004	.004	.027	.052	.092	.144	.195	.248
	.599	-.146	.003	.028	.048	.081	.119	.161	.226
	.637	-.135	.004	.031	.048	.076	.110	.142	.196
	.674	-.110	.004	.035	.049	.073	.104	.125	.170
LEEWARD WING	.674	.065	.006	-.108	-.181	-.228	-.274	-.317	-.348
	.637	.060	.007	-.132	-.214	-.253	-.290	-.339	-.361
	.599	.056	.007	-.139	-.255	-.298	-.317	-.348	-.359
	.524	.050	.003	-.027	-.132	-.267	-.293	-.296	-.318
	.450	.052	.009	-.029	-.070	-.118	-.187	-.218	-.244
	.375	.050	.007	-.033	-.069	-.085	-.133	-.176	-.201
	.300	.044	.002	-.039	-.072	-.096	-.136	-.177	-.199
	.225								
	.150								
	.075								

Table 8. Continued
(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
BODY	0	-.008	.005	.022	.047	.085	.124	.169	.221
	15	-.006	.008	.026	.049	.084	.122	.161	.201
	30	-.009	.007	.023	.042	.072	.101	.119	.125
	45	-.012	.005	.020	.033	.060	.075	.071	.059
	60	-.015	.003	.018	.028	.048	.064	.055	.023
	75	-.014	.006	.020	.036	.052	.087	.101	.094
	90	-.022	-.003	.013	.033	.052	.089	.103	.102
	105	-.019	-.002	.016	.035	.055	.088	.099	.091
	120	-.019	-.009	.010	.020	.034	.057	.065	.052
	135								
	150	.044	-.002	-.043	-.079	-.115	-.148	-.170	-.195
	165	.044	-.002	-.043	-.080	-.116	-.152	-.176	-.205
	180	.043	-.003	-.042	-.081	-.116	-.153	-.173	-.201
	195	.044	-.003	-.042	-.080	-.113	-.151	-.172	-.198
	210	.040	-.009	-.055	-.085	-.116	-.156	-.177	-.202
	225								
	240								
	255	-.014	.002	.017	.038	.061	.086	.100	.106
	270	-.015	.001	.015	.036	.058	.087	.102	.115
	285	-.014	.004	.016	.034	.053	.081	.095	.108
	300	-.016	.001	.012	.024	.040	.051	.037	.028
	315	-.011	.006	.018	.033	.058	.066	.054	.061
	330	-.010	.003	.016	.037	.069	.087	.099	.114
	345	-.009	.004	.019	.044	.078	.112	.147	.186
	Y/S	CP FOR ALPHA, DEG =							
		-3.22	.74	4.77	8.74	12.74	16.68	20.76	24.74
WINDWARD WING	.190								
	.274	-.014	.002	.021	.035	.047	.059	.075	.081
	.379	-.012	.004	.026	.042	.027	.012	.004	.010
	.473	-.015	.003	.023	.054	.092	.109	.107	.088
	.569	-.008	.004	.023	.058	.096	.141	.197	.227
	.664	-.036	.003	.023	.055	.084	.121	.179	.241
	.759	-.143	.003	.026	.047	.075	.101	.148	.193
	.806	-.125	.004	.028	.044	.068	.090	.129	.165
	.854	-.109	.003	.031	.041	.059	.077	.105	.133
LEEWARD WING	.854	.063	-.002	-.120	-.185	-.245	-.297	-.343	-.379
	.806	.059	.001	-.135	-.203	-.256	-.308	-.357	-.393
	.759	.057	.004	-.152	-.256	-.309	-.344	-.381	-.397
	.664	.054	.004	-.025	-.132	-.254	-.309	-.346	-.358
	.569	.051	.002	-.032	-.068	-.137	-.200	-.267	-.290
	.473	.050	.000	-.040	-.075	-.112	-.153	-.202	-.233
	.379	.049	.000	-.042	-.077	-.109	-.143	-.170	-.198
	.274	.047	.001	-.042	-.076	-.110	-.146	-.168	-.194
	.190								

Table 8. Continued

(b) $M_\infty = 2.16$; station 1

THETA, DEG	CP FOR ALPHA, DEG =							
	-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
0								
15	-.006	-.007	-.005	.012	.050	.100	.171	.253
30	-.004	-.001	-.005	.000	.026	.067	.125	.195
45	-.008	.000	-.009	-.028	-.020	.007	.048	.100
60	-.013	.000	-.005	-.056	-.075	-.064	-.040	-.009
75	-.016	.001	.005	-.018	-.111	-.133	-.126	-.110
90	-.015	.007	.020	.019	-.035	-.083	-.106	-.103
105	-.015	.009	.027	.025	-.024	-.060	-.083	-.085
120	-.019	.007	.023	-.009	-.062	-.056	-.072	-.078
135								
BODY 150	.030	-.005	-.036	-.078	-.093	-.094	-.117	-.130
165	.028	-.006	-.035	-.070	-.096	-.105	-.109	-.132
180	.032	-.001	-.026	-.042	-.063	-.083	-.087	-.103
195	.035	.001	-.025	-.050	-.073	-.091	-.102	-.120
210	.031	-.005	-.032	-.067	-.073	-.086	-.111	-.126
225								
240	-.027	-.002	.012	-.010	-.082	-.071	-.090	-.096
255	-.024	.000	.013	.009	-.049	-.070	-.083	-.079
270	-.021	.000	.008	.007	-.039	-.075	-.094	-.086
285	-.019	-.004	-.003	-.021	-.095	-.133	-.135	-.121
300	-.016	-.005	-.012	-.065	-.091	-.080	-.057	-.026
315	-.011	-.004	-.012	-.039	-.032	-.007	.033	.082
330	-.010	-.007	-.011	-.014	.013	.049	.109	.176
345	-.006	-.007	-.003	.009	.048	.095	.169	.250
Y/S	CP FOR ALPHA, DEG =							
	-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
.050								
.100								
.150								
.200								
.250								
WINDWARD .300	-.023	.002	.025	.041	-.018	-.055	-.078	-.083
WING .350	-.022	.001	.030	.062	.024	-.061	-.075	-.080
.400	-.082	.000	.031	.065	.100	.048	.036	.073
.425	-.106	.003	.035	.066	.100	.104	.107	.160
.450	-.102	.005	.038	.066	.096	.125	.147	.202
.450	.032	-.035	-.114	-.144	-.153	-.167	-.182	-.198
.425	.031	-.014	-.128	-.146	-.160	-.159	-.168	-.187
.400	.028	-.012	-.113	-.159	-.171	-.145	-.158	-.177
LEEWARD .350	.028	-.010	-.036	-.118	-.130	-.098	-.127	-.145
WING .300	.030	-.007	-.035	-.061	-.069	-.099	-.119	-.131
.250								
.200								
.150								
.100								
.050								

Table 8. Continued
(b) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
BODY	0	-.010	.001	.014	.025	.053	.111	.180	.265
	15	-.011	.002	.015	.024	.046	.099	.165	.244
	30	-.016	-.001	.011	.021	.014	.055	.111	.176
	45	-.016	-.001	.010	.021	-.006	-.003	.038	.086
	60	-.021	-.005	.007	.017	-.002	-.070	-.052	-.021
	75	-.021	-.002	.015	.027	.026	-.001	-.040	-.035
	90	-.029	-.011	.008	.023	.024	.010	.000	.014
	105	-.026	-.008	.008	.025	.021	.004	-.001	.011
	120	-.018	-.001	.014	.017	.002	-.014	-.014	.000
	135								
	150	.031	-.007	-.043	-.066	-.088	-.111	-.135	-.152
	165	.033	-.005	-.040	-.068	-.088	-.112	-.139	-.155
	180	.030	-.009	-.042	-.073	-.093	-.111	-.139	-.154
	195	.030	-.008	-.043	-.073	-.090	-.110	-.134	-.149
	210	.029	-.011	-.047	-.072	-.090	-.110	-.132	-.148
	225								
	240	-.021	-.005	.005	.008	.001	-.023	-.022	-.003
	255	.236	.235	.233	.232	.230	.230	.231	.232
	270	.232	.231	.229	.227	.226	.226	.227	.228
	285	-.014	.002	.013	.025	.026	.009	-.006	.000
	300	-.016	-.002	.006	.010	-.004	-.069	-.064	-.034
	315	-.012	.001	.008	.010	-.016	-.015	.023	.073
	330	-.012	-.001	.009	.013	.007	.047	.099	.167
	345	-.013	-.002	.010	.018	.036	.090	.154	.235
WINDWARD WING	Y/S								
		-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
	.075								
	.150								
	.225								
	.300	-.019	-.002	.013	.032	.027	.005	-.002	.012
	.375	-.017	-.002	.018	.044	.014	-.043	-.056	-.041
	.450	-.012	-.001	.023	.057	.095	.107	.072	.070
	.524	-.037	.001	.025	.056	.103	.144	.199	.250
	.599	-.096	.001	.028	.054	.093	.122	.167	.243
	.637	-.095	.004	.033	.057	.090	.112	.149	.213
	.674	-.095	.001	.033	.053	.082	.097	.126	.179
LEEWARD WING	.674	.044	-.031	-.115	-.155	-.186	-.211	-.231	-.237
	.637	.039	-.022	-.122	-.159	-.189	-.220	-.237	-.241
	.599	.036	-.015	-.147	-.178	-.204	-.232	-.240	-.245
	.524	.039	-.006	-.032	-.160	-.210	-.205	-.209	-.225
	.450	.032	-.010	-.039	-.078	-.141	-.158	-.174	-.199
	.375	.033	-.007	-.042	-.066	-.082	-.117	-.140	-.160
	.300	.036	-.002	-.038	-.055	-.079	-.104	-.127	-.145
	.225								
	.150								
	.075								

Table 8. Continued
(b) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
BODY	0	-.014	-.005	.014	.038	.062	.094	.166	.257
	15	-.014	-.004	.014	.040	.060	.085	.154	.240
	30	-.021	-.010	.007	.029	.039	.040	.096	.167
	45	-.018	-.005	.010	.028	.031	.007	.026	.078
	60	-.019	-.003	.011	.027	.035	.013	-.026	-.019
	75	-.020	-.002	.012	.030	.045	.050	.058	.075
	90	-.022	-.004	.012	.030	.046	.056	.067	.091
	105	-.025	-.007	.008	.024	.040	.046	.052	.074
	120	-.025	-.007	.009	.016	.024	.026	.029	.051
	135								
	150	.024	-.017	-.049	-.075	-.101	-.113	-.134	-.151
	165	.027	-.016	-.047	-.075	-.100	-.115	-.138	-.158
	180	.025	-.018	-.048	-.077	-.103	-.119	-.138	-.161
	195	.027	-.017	-.048	-.076	-.101	-.116	-.137	-.156
	210	.028	-.017	-.049	-.071	-.099	-.112	-.134	-.148
	225								
	240								
	255	-.014	.001	.013	.030	.040	.047	.056	.081
	270	-.015	.001	.014	.033	.045	.054	.067	.095
	285	-.016	-.001	.012	.030	.043	.046	.059	.084
	300	-.017	-.003	.008	.023	.033	.010	-.010	-.021
	315	-.017	-.004	.007	.020	.028	.003	.009	.058
	330	-.015	-.002	.011	.027	.041	.036	.088	.157
	345	-.012	-.001	.016	.036	.058	.080	.146	.232
	Y/S	CP FOR ALPHA, DEG =							
		-2.64	1.36	5.33	9.35	13.39	17.33	21.37	25.38
WINDWARD WING	.190								
	.274	-.014	.001	.016	.029	.027	.031	.039	.065
	.379	-.018	-.004	.015	.026	-.010	-.033	-.032	.000
	.473	-.015	.000	.023	.052	.075	.084	.072	.080
	.569	-.014	-.003	.020	.047	.088	.138	.189	.219
	.664	-.056	.002	.025	.047	.083	.125	.176	.247
	.759	-.094	.001	.026	.043	.071	.102	.142	.199
	.806	-.089	.003	.029	.045	.067	.095	.127	.180
	.854	-.087	.004	.029	.043	.060	.084	.108	.159
LEEWARD WING	.854	.041	-.029	-.113	-.159	-.193	-.224	-.239	-.249
	.806	.037	-.020	-.117	-.163	-.199	-.225	-.247	-.253
	.759	.032	-.021	-.148	-.187	-.216	-.237	-.259	-.260
	.664	.029	-.017	-.058	-.177	-.222	-.243	-.239	-.249
	.569	.027	-.016	-.043	-.084	-.140	-.197	-.200	-.228
	.473	.030	-.010	-.043	-.067	-.092	-.131	-.156	-.188
	.379	.027	-.014	-.048	-.072	-.093	-.110	-.135	-.154
	.274	.029	-.014	-.046	-.070	-.095	-.109	-.129	-.145
	.190								

Table 8. Continued

(c) $M_\infty = 2.40$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
BODY	0								
	15	-.001	.003	.002	.017	.056	.108	.174	.249
	30	-.003	.003	.000	.006	.034	.076	.130	.192
	45	-.007	.003	-.001	-.013	-.002	.025	.063	.108
	60	-.014	.002	.001	-.035	-.049	-.038	-.015	.012
	75	-.018	.005	.009	-.011	-.079	-.095	-.088	-.074
	90	-.021	.007	.018	.022	-.022	-.070	-.080	-.077
	105	-.020	.009	.023	.029	-.011	-.049	-.064	-.065
	120	-.022	.006	.020	.003	-.054	-.057	-.071	-.075
	135								
	150	.041	.005	-.018	-.058	-.086	-.088	-.115	-.130
	165	.042	.007	-.017	-.051	-.076	-.094	-.107	-.128
	180	.045	.009	-.013	-.030	-.049	-.073	-.086	-.103
	195	.049	.012	-.012	-.034	-.058	-.085	-.099	-.119
	210	.047	.010	-.016	-.046	-.067	-.085	-.108	-.125
	225								
	240	-.031	-.004	.015	.004	-.068	-.081	-.089	-.092
	255	-.028	.000	.016	.016	-.039	-.060	-.069	-.069
	270	-.024	.000	.013	.011	-.028	-.066	-.074	-.073
	285	-.020	-.001	.005	-.013	-.075	-.103	-.100	-.091
	300	-.017	-.002	-.003	-.043	-.064	-.055	-.034	-.010
	315	-.009	.001	-.004	-.025	-.018	.007	.043	.085
	330	-.006	.001	-.003	-.004	.020	.060	.113	.172
	345	-.002	.002	.001	.012	.049	.101	.166	.240
Y/S		CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.027	-.001	.023	.040	-.008	-.054	-.071	-.075
	.350	-.036	-.001	.026	.056	.040	-.040	-.059	-.064
	.400	-.121	-.002	.026	.058	.096	.079	.073	.089
	.425	-.114	-.001	.029	.059	.096	.113	.128	.169
	.450	-.108	-.020	.033	.061	.092	.118	.143	.187
LEEWARD WING	.450	.042	-.019	-.083	-.115	-.127	-.141	-.161	-.175
	.425	.040	.002	-.088	-.118	-.132	-.136	-.150	-.166
	.400	.037	.002	-.067	-.126	-.138	-.125	-.143	-.161
	.350	.039	.003	-.018	-.090	-.108	-.092	-.123	-.141
	.300	.040	.003	-.019	-.049	-.069	-.092	-.119	-.134
	.250								
	.200								
	.150								
	.100								
	.050								

Table 8. Continued

(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
BODY	0	-.005	.003	.013	.021	.056	.109	.176	.260
	15	-.008	.004	.014	.024	.051	.099	.165	.243
	30	-.010	.004	.014	.025	.028	.064	.121	.187
	45	-.010	.005	.015	.025	-.003	.014	.057	.107
	60	-.014	.002	.013	.024	.000	-.047	-.022	.010
	75	-.015	.003	.017	.031	.029	-.010	-.031	-.022
	90	-.020	-.001	.013	.030	.032	.012	.009	.025
	105	-.018	.000	.015	.031	.029	.010	.008	.023
	120	-.016	.001	.017	.023	.009	-.008	-.010	.001
	135								
	150	.051	.009	-.022	-.047	-.073	-.093	-.128	-.142
	165	.052	.011	-.020	-.050	-.075	-.095	-.130	-.143
	180	.051	.008	-.022	-.052	-.077	-.094	-.130	-.143
	195	.048	.007	-.024	-.053	-.078	-.093	-.127	-.141
	210	.050	.008	-.024	-.052	-.074	-.091	-.122	-.136
	225								
	240	-.018	.001	.016	.015	.009	-.014	-.015	-.001
	255	.277	.275	.274	.272	.270	.269	.267	.265
	270	.268	.267	.265	.263	.262	.260	.258	.257
	285	-.015	.001	.013	.023	.017	-.008	-.012	-.008
	300	-.014	.001	.011	.015	-.014	-.059	-.038	-.012
	315	-.012	.002	.010	.012	-.021	-.003	.037	.081
	330	-.012	.002	.010	.013	.013	.051	.104	.168
	345	-.007	.003	.012	.017	.043	.092	.155	.234
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
	.075								
	.150								
	.225								
	.300	-.016	.002	.019	.035	.025	-.001	-.002	.009
	.375	-.014	.003	.022	.044	.015	-.041	-.042	-.032
	.450	-.008	.003	.024	.050	.083	.099	.078	.077
	.524	-.101	.003	.025	.051	.091	.134	.190	.234
	.599	-.109	.001	.026	.050	.081	.117	.158	.217
	.637	-.100	.000	.029	.051	.077	.108	.141	.190
	.674	-.098	-.007	.032	.053	.075	.099	.124	.166
LEEWARD WING	.674	.064	.007	-.074	-.121	-.151	-.174	-.191	-.196
	.637	.061	.011	-.083	-.125	-.156	-.180	-.193	-.198
	.599	.059	.012	-.086	-.139	-.164	-.187	-.197	-.200
	.524	.056	.013	-.012	-.131	-.176	-.176	-.180	-.191
	.450	.054	.012	-.016	-.057	-.118	-.137	-.153	-.173
	.375	.054	.012	-.018	-.047	-.064	-.097	-.127	-.144
	.300	.053	.012	-.019	-.042	-.067	-.090	-.123	-.138
	.225								
	.150								
	.075								

Table 8. Continued

(c) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
BODY	0	-.009	.002	.015	.034	.050	.098	.171	.253
	15	-.010	.003	.017	.037	.053	.091	.162	.239
	30	-.014	.000	.013	.030	.041	.055	.114	.180
	45	-.013	.002	.014	.028	.035	.013	.050	.099
	60	-.015	.001	.014	.029	.037	.015	-.014	.008
	75	-.014	.002	.016	.035	.050	.051	.055	.064
	90	-.017	-.001	.013	.034	.049	.054	.063	.084
	105	-.016	-.001	.013	.032	.047	.048	.056	.078
	120	-.016	-.002	.012	.026	.031	.030	.035	.057
	135								
	150	.050	.007	-.024	-.054	-.081	-.095	-.125	-.137
	165	.050	.007	-.024	-.056	-.082	-.097	-.129	-.143
	180	.049	.007	-.024	-.056	-.084	-.099	-.127	-.144
	195	.052	.008	-.024	-.055	-.082	-.096	-.123	-.137
	210	.050	.010	-.024	-.052	-.081	-.094	-.123	-.135
	225								
	240								
	255	-.012	.003	.015	.025	.039	.040	.051	.070
	270	-.009	.005	.018	.030	.043	.048	.058	.081
	285	-.011	.003	.015	.026	.040	.046	.049	.068
	300	-.012	.002	.012	.020	.025	.016	-.024	-.012
	315	-.011	.004	.015	.022	.019	-.001	.032	.077
	330	-.010	.004	.014	.026	.026	.046	.100	.162
	345	-.007	.004	.016	.033	.042	.084	.151	.227
	Y/S	CP FOR ALPHA, DEG =							
		-3.99	-.02	4.03	7.96	12.00	15.97	20.11	24.03
WINDWARD WING	.190								
	.274	-.011	.002	.017	.027	.030	.029	.037	.059
	.379	-.013	-.001	.017	.029	.002	-.024	-.019	.008
	.473	-.008	.000	.018	.043	.073	.084	.071	.081
	.569	-.021	-.003	.016	.043	.088	.135	.182	.209
	.664	-.107	-.002	.020	.046	.083	.121	.167	.232
	.759	-.103	-.003	.023	.046	.075	.103	.138	.189
	.806	-.095	-.003	.026	.047	.072	.095	.125	.171
	.854	-.092	-.006	.029	.047	.067	.084	.108	.149
LEEWARD WING	.854	.064	.009	-.073	-.126	-.160	-.183	-.200	-.204
	.806	.060	.009	-.080	-.127	-.161	-.184	-.201	-.205
	.759	.057	.008	-.091	-.143	-.171	-.191	-.207	-.208
	.664	.054	.008	-.026	-.140	-.182	-.198	-.199	-.200
	.569	.053	.008	-.021	-.060	-.120	-.165	-.174	-.187
	.473	.054	.009	-.021	-.051	-.077	-.113	-.143	-.164
	.379	.052	.008	-.023	-.054	-.075	-.091	-.125	-.139
	.274	.052	.009	-.022	-.049	-.075	-.090	-.122	-.132
	.190								

Table 8. Continued

(d) $M_\infty = 2.86$; station 1

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.98	.01	4.02	8.02	11.99	16.02	20.04	23.95
BODY	0								
	15	.005	.005	.008	.026	.061	.106	.168	.237
	30	.002	.007	.006	.017	.043	.080	.131	.190
	45	-.001	.007	.002	-.001	.012	.038	.074	.119
	60	-.008	.005	.001	-.023	-.025	-.011	.010	.038
	75	-.012	.007	.009	-.022	-.055	-.057	-.049	-.034
	90	-.016	.008	.018	.011	-.028	-.050	-.050	-.047
	105	-.016	.010	.024	.019	-.011	-.036	-.043	-.040
	120	-.018	.007	.022	-.002	-.038	-.051	-.050	-.048
	135								
	150	.039	.007	-.017	-.048	-.070	-.078	-.090	-.101
	165	.040	.007	-.015	-.042	-.060	-.080	-.088	-.100
	180	.044	.009	-.011	-.025	-.037	-.061	-.072	-.079
	195	.048	.012	-.010	-.029	-.047	-.072	-.083	-.095
	210	.046	.009	-.013	-.038	-.061	-.076	-.091	-.101
	225								
	240	-.024	.000	.014	-.002	-.051	-.067	-.066	-.061
	255	-.020	.004	.015	.006	-.025	-.043	-.045	-.040
	270	-.018	.004	.011	.003	-.025	-.048	-.049	-.043
	285	-.014	.003	.004	-.024	-.054	-.066	-.059	-.048
	300	-.009	.003	-.002	-.032	-.034	-.023	-.003	.019
	315	-.003	.004	-.001	-.010	.004	.025	.060	.097
	330	.001	.004	.002	.008	.033	.068	.118	.170
	345	.005	.005	.007	.023	.058	.102	.163	.228
Y/S		CP FOR ALPHA, DEG =							
		-3.98	.01	4.02	8.02	11.99	16.02	20.04	23.95
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.019	.003	.022	.032	-.008	-.045	-.049	-.046
	.350	-.049	.002	.024	.047	.039	-.014	-.029	-.029
	.400	-.083	.000	.025	.050	.082	.095	.091	.100
	.425	-.079	-.007	.028	.052	.082	.106	.134	.166
	.450	-.076	-.012	.032	.055	.080	.096	.128	.171
LEEWARD WING	.450	.042	-.006	-.066	-.088	-.095	-.106	-.121	-.129
	.425	.042	.000	-.064	-.085	-.094	-.098	-.113	-.122
	.400	.037	.002	-.063	-.091	-.099	-.095	-.110	-.121
	.350	.035	.005	-.014	-.073	-.080	-.083	-.097	-.107
	.300	.037	.005	-.017	-.042	-.058	-.082	-.096	-.105
	.250								
	.200								
	.150								
	.100								
	.050								

Table 8. Continued

(d) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	.01	4.02	8.02	11.99	16.02	20.04	23.95
BODY	0	.007	.011	.015	.028	.066	.114	.182	.252
	15	.006	.012	.017	.027	.061	.107	.170	.238
	30	.001	.010	.016	.018	.038	.077	.129	.187
	45	.001	.011	.017	.017	.008	.036	.073	.117
	60	-.004	.007	.015	.017	-.018	-.016	.006	.034
	75	-.003	.009	.020	.027	.015	-.016	-.019	-.012
	90	-.012	.002	.016	.024	.019	.008	.007	.018
	105	-.013	.004	.018	.027	.020	.011	.011	.025
	120	-.008	.008	.024	.025	.011	.003	.002	.015
	135								
	150	.052	.012	-.017	-.038	-.056	-.079	-.100	-.114
	165	.053	.013	-.013	-.036	-.055	-.076	-.099	-.110
	180	.050	.011	-.018	-.041	-.062	-.077	-.104	-.113
	195	.049	.011	-.017	-.041	-.058	-.073	-.098	-.109
	210	.048	.009	-.020	-.043	-.057	-.074	-.097	-.110
	225								
	240	-.009	.004	.016	.014	.008	-.008	-.005	.008
	255	.359	.357	.356	.354	.354	.353	.351	.349
	270	.351	.348	.347	.346	.346	.344	.343	.341
	285	-.001	.009	.017	.023	.014	-.010	-.008	.003
	300	-.002	.007	.012	.011	-.024	-.027	-.006	.019
	315	.002	.009	.013	.006	.001	.023	.060	.100
	330	.002	.009	.012	.010	.032	.067	.119	.172
	345	.004	.009	.013	.020	.054	.099	.161	.227
WINDWARD WING									
	.075								
	.150								
	.225								
	.300	-.009	.005	.020	.032	.019	-.004	-.002	.012
	.375	-.006	.006	.023	.043	.015	-.020	-.022	-.010
	.450	-.024	.005	.026	.050	.079	.091	.082	.090
	.524	-.071	.008	.027	.051	.085	.117	.169	.215
	.599	-.076	.007	.028	.050	.078	.102	.139	.186
	.637	-.073	.003	.031	.052	.077	.096	.127	.168
	.674	-.075	-.017	.032	.052	.073	.087	.112	.148
	.674	.063	-.003	-.064	-.095	-.116	-.134	-.141	-.144
	.637	.059	.012	-.066	-.096	-.117	-.135	-.141	-.144
	.599	.057	.015	-.070	-.101	-.120	-.136	-.141	-.143
	.524	.059	.017	-.017	-.100	-.121	-.129	-.131	-.135
	.450	.054	.012	-.014	-.054	-.108	-.112	-.120	-.132
	.375	.055	.013	-.016	-.038	-.050	-.080	-.099	-.112
	.300	.056	.015	-.013	-.032	-.047	-.073	-.093	-.109
	.225								
	.150								
	.075								
LEEWARD WING									

Table 8. Concluded
(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.98	.01	4.02	8.02	11.99	16.02	20.04	23.95
BODY	0	.001	.014	.026	.041	.065	.114	.181	.254
	15	.001	.015	.028	.042	.060	.108	.171	.243
	30	-.005	.011	.024	.035	.037	.074	.126	.188
	45	-.002	.014	.026	.032	.021	.034	.072	.119
	60	-.003	.013	.024	.032	.025	-.003	.008	.038
	75	-.002	.013	.024	.037	.041	.039	.038	.045
	90	-.001	.013	.025	.040	.046	.050	.059	.076
	105	-.004	.009	.021	.033	.039	.041	.050	.070
	120	-.004	.007	.020	.028	.028	.029	.037	.054
	135								
	150	.050	.008	-.020	-.044	-.065	-.077	-.102	-.116
	165	.050	.009	-.019	-.045	-.065	-.079	-.101	-.115
	180	.050	.008	-.020	-.046	-.066	-.081	-.102	-.115
	195	.051	.010	-.019	-.043	-.064	-.077	-.099	-.112
	210	.055	.012	-.019	-.043	-.063	-.075	-.098	-.112
	225								
	240								
	255	.001	.011	.021	.030	.036	.033	.047	.066
	270	.001	.014	.024	.036	.043	.041	.053	.075
	285	.000	.014	.020	.030	.038	.031	.037	.052
	300	-.003	.012	.019	.024	.022	-.010	-.006	.019
	315	-.003	.013	.021	.022	.013	.018	.056	.097
	330	-.002	.014	.023	.028	.032	.066	.118	.174
	345	.004	.015	.027	.038	.056	.101	.164	.233
	Y/S	CP FOR ALPHA, DEG =							
		-3.98	.01	4.02	8.02	11.99	16.02	20.04	23.95
WINDWARD WING	.190								
	.274	.001	.011	.025	.034	.032	.025	.037	.057
	.379	-.004	.004	.021	.032	.005	-.017	-.006	.014
	.473	.005	.010	.028	.049	.075	.076	.072	.087
	.569	-.045	.005	.023	.046	.084	.122	.168	.200
	.664	-.067	.007	.026	.048	.079	.110	.154	.210
	.759	-.074	.005	.026	.046	.071	.096	.127	.174
	.806	-.072	.005	.029	.047	.069	.090	.117	.160
	.854	-.071	-.011	.031	.048	.066	.081	.106	.144
LEEWARD WING	.854	.067	.010	-.059	-.095	-.121	-.137	-.145	-.147
	.806	.063	.015	-.061	-.097	-.121	-.138	-.145	-.148
	.759	.057	.012	-.070	-.108	-.128	-.144	-.151	-.153
	.664	.055	.011	-.037	-.116	-.134	-.146	-.150	-.149
	.569	.052	.009	-.016	-.058	-.111	-.134	-.138	-.142
	.473	.055	.012	-.016	-.039	-.059	-.097	-.113	-.126
	.379	.052	.009	-.020	-.043	-.058	-.075	-.101	-.115
	.274	.056	.014	-.016	-.039	-.059	-.071	-.097	-.111
	.190								

Table 9. Configuration 7

(a) $M_\infty = 1.70$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
BODY	0	-.023	.011	.054	.112	.179	.267	.369	.476
	15	-.020	.012	.055	.113	.181	.269	.371	.480
	30	-.020	.011	.054	.112	.177	.262	.364	.471
	45								
	60	.016	-.007	-.033	-.071	-.162	-.260	-.355	-.394
	75	.018	-.001	-.027	-.057	-.075	-.082	-.140	-.166
	90	.013	.000	-.023	-.057	-.075	-.074	-.138	-.171
	105	.008	.000	-.019	-.046	-.059	-.088	-.116	-.137
	120	.007	.001	-.014	-.037	-.059	-.103	-.111	-.126
	135	.002	-.005	-.015	-.040	-.081	-.102	-.124	-.150
	150	.009	.002	-.006	-.040	-.114	-.144	-.117	-.150
	165	.007	.001	-.004	-.030	-.063	-.101	-.146	-.166
	180	.026	.026	.023	.020	.014	-.001	-.039	-.073
	195	.010	.006	.002	-.016	-.043	-.085	-.146	-.161
	210	.005	.001	-.007	-.044	-.130	-.199	-.125	-.165
	225	.008	.002	-.010	-.035	-.077	-.125	-.120	-.153
	240	.009	.000	-.016	-.038	-.064	-.136	-.124	-.130
	255	.017	.004	-.016	-.041	-.058	-.096	-.110	-.137
	270	.015	-.004	-.028	-.063	-.082	-.089	-.141	-.179
	285	.024	.003	-.026	-.060	-.082	-.077	-.125	-.156
	300	.017	-.007	-.037	-.066	-.110	-.193	-.287	-.348
	315								
	330	-.025	.010	.054	.113	.181	.269	.369	.478
	345	-.026	.008	.051	.109	.176	.266	.368	.476
	Y/S	CP FOR ALPHA, DEG =							
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.024	.010	.057	.118	.189	.281	.385	.494
	.350	-.020	.013	.060	.121	.194	.285	.391	.500
	.400	-.029	.018	.069	.132	.207	.299	.406	.514
	.425	-.112	.010	.063	.126	.203	.293	.401	.510
	.450	-.110	.015	.072	.138	.215	.305	.412	.519
LEEWARD WING	.450	.030	-.009	-.155	-.227	-.292	-.347	-.379	-.397
	.425	.026	-.006	-.176	-.254	-.346	-.386	-.409	-.415
	.400	.025	-.007	-.153	-.258	-.341	-.382	-.409	-.416
	.350	.026	-.004	-.021	-.188	-.361	-.398	-.421	-.428
	.300	.024	-.003	-.028	-.070	-.156	-.203	-.300	-.351
	.250								
	.200								
	.150								
	.100								
	.050								

Table 9. Continued

(a) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
BODY	0	-.038	.006	.055	.118	.196	.285	.387	.499
	15	-.048	-.005	.043	.108	.185	.272	.376	.487
	30	-.040	.005	.052	.117	.193	.283	.387	.497
	45								
	60	.011	-.002	-.016	-.025	-.088	-.207	-.309	-.378
	75								
	90								
	105	.000	-.010	-.029	-.042	-.065	-.071	-.112	-.145
	120	.006	-.002	-.021	-.035	-.054	-.061	-.097	-.129
	135	.003	-.004	-.023	-.040	-.056	-.066	-.094	-.121
	150	.004	-.005	-.023	-.054	-.059	-.072	-.092	-.117
	165	.012	.003	-.013	-.039	-.066	-.080	-.091	-.109
	180	.008	-.002	-.015	-.027	-.055	-.081	-.096	-.106
	195	.008	-.003	-.017	-.041	-.073	-.087	-.092	-.108
	210	.013	.002	-.014	-.055	-.062	-.068	-.078	-.103
	225	.011	.000	-.018	-.039	-.051	-.061	-.080	-.107
	240	.011	.001	-.017	-.034	-.051	-.059	-.087	-.109
	255	.006	-.005	-.024	-.040	-.059	-.070	-.098	-.121
	270	.004	-.009	-.029	-.048	-.066	-.079	-.117	-.136
	285	.008	-.006	-.026	-.039	-.063	-.119	-.202	-.289
	300	-.005	-.020	-.038	-.046	-.085	-.195	-.314	-.397
	315								
	330	-.041	.004	.053	.116	.194	.285	.386	.498
	345	-.045	.000	.049	.111	.190	.280	.382	.495
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
	.075								
	.150								
	.225								
	.300	-.046	.000	.049	.113	.193	.286	.388	.501
	.375	-.035	.011	.060	.125	.204	.298	.400	.515
	.450	-.032	.013	.062	.129	.208	.302	.405	.520
	.524	-.034	.002	.051	.120	.198	.293	.397	.513
	.599	-.100	.012	.065	.135	.214	.309	.413	.530
	.637	-.131	.015	.071	.141	.220	.316	.420	.536
	.674	-.097	.018	.081	.149	.228	.326	.426	.541
LEEWARD WING	.674	.022	-.019	-.132	-.188	-.243	-.317	-.367	-.401
	.637	.016	-.015	-.153	-.209	-.252	-.318	-.372	-.411
	.599	.012	-.014	-.189	-.216	-.303	-.345	-.398	-.425
	.524	.012	-.009	-.058	-.268	-.298	-.347	-.402	-.429
	.450	.010	-.009	-.014	-.179	-.347	-.370	-.416	-.440
	.375	.017	-.001	-.013	-.027	-.192	-.299	-.356	-.395
	.300	.014	-.002	-.016	-.023	-.077	-.178	-.303	-.368
	.225								
	.150								
	.075								

Table 9. Continued

(a) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
BODY	0	-.042	-.002	.050	.116	.192	.281	.382	.490
	15	-.042	-.003	.050	.115	.191	.280	.380	.486
	30	-.059	-.013	.039	.103	.177	.264	.359	.459
	45								
	60								
	75	.013	-.001	-.020	-.031	-.070	-.190	-.291	-.338
	90	.008	-.004	-.023	-.039	-.058	-.086	-.166	-.177
	105	.013	.001	-.015	-.035	-.049	-.056	-.111	-.136
	120	.008	-.004	-.020	-.039	-.051	-.059	-.099	-.137
	135	.023	.008	-.007	-.025	-.034	-.044	-.074	-.115
	150	.016	-.001	-.017	-.038	-.044	-.053	-.076	-.120
	165	.011	-.003	-.020	-.042	-.051	-.056	-.075	-.109
	180	.014	.001	-.013	-.026	-.040	-.051	-.066	-.083
	195	.019	.005	-.009	-.030	-.039	-.048	-.058	-.088
	210	.016	.001	-.014	-.040	-.041	-.052	-.063	-.098
	225	.013	-.004	-.017	-.035	-.042	-.056	-.072	-.103
	240	.011	-.004	-.018	-.035	-.043	-.060	-.080	-.107
	255	.014	.000	-.016	-.033	-.045	-.061	-.091	-.111
	270	.001	-.014	-.033	-.050	-.063	-.093	-.153	-.155
	285	.009	-.007	-.026	-.037	-.060	-.166	-.277	-.328
	300	.001	-.016	-.028	-.037	-.071	-.162	-.280	-.360
	315								
	330	-.044	-.003	.049	.117	.192	.280	.383	.494
	345	-.046	-.006	.047	.114	.189	.278	.380	.491
WINDWARD WING	Y/S								
		-3.52	.54	4.57	8.55	12.53	16.59	20.57	24.53
	.190								
	.274	-.044	-.002	.050	.118	.195	.284	.387	.498
	.379	-.043	-.002	.051	.120	.196	.287	.391	.504
	.473	-.043	-.002	.050	.121	.197	.288	.392	.508
	.569	-.031	.008	.061	.133	.211	.302	.406	.523
	.664	-.020	.008	.063	.133	.212	.303	.408	.527
	.759	-.115	.011	.070	.141	.222	.313	.421	.537
	.806	-.126	.005	.067	.141	.221	.312	.422	.536
	.854	-.109	.001	.068	.145	.224	.314	.422	.535
	.854	.019	-.020	-.128	-.179	-.240	-.296	-.347	-.309
	.806	.018	-.014	-.138	-.189	-.233	-.296	-.348	-.324
	.759	.019	-.007	-.173	-.198	-.256	-.322	-.369	-.331
	.664	.015	-.008	-.107	-.232	-.278	-.336	-.384	-.341
	.569	.018	-.002	-.002	-.246	-.290	-.356	-.390	-.334
	.473	.015	-.004	-.017	-.065	-.288	-.378	-.410	-.350
	.379	.021	.002	-.012	-.023	-.110	-.219	-.280	-.312
	.274	.012	-.003	-.020	-.030	-.061	-.151	-.277	-.341
	.190								
LEEWARD WING									

Table 9. Continued

(b) $M_\infty = 2.16$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
BODY	0	-.026	.000	.035	.086	.152	.235	.335	.453
	15	-.025	.002	.038	.090	.155	.239	.338	.456
	30	-.031	-.002	.036	.087	.150	.230	.323	.436
	45								
	60	.009	-.008	-.034	-.067	-.127	-.172	-.201	-.221
	75	.010	-.005	-.030	-.061	-.092	-.095	-.090	-.075
	90	.005	-.005	-.027	-.059	-.071	-.107	-.125	-.128
	105	-.002	-.006	-.024	-.048	-.062	-.089	-.103	-.113
	120	-.008	-.008	-.021	-.041	-.072	-.097	-.103	-.105
	135	-.011	-.007	-.017	-.036	-.097	-.102	-.121	-.119
	150	-.011	-.008	-.014	-.039	-.144	-.105	-.125	-.133
	165	-.008	-.008	-.011	-.029	-.054	-.115	-.122	-.141
	180	.049	.035	.025	.021	.016	-.002	-.037	-.063
	195	-.009	-.007	-.009	-.023	-.036	-.107	-.117	-.139
	210	-.010	-.006	-.010	-.039	-.138	-.117	-.125	-.146
	225	-.011	-.005	-.014	-.035	-.104	-.104	-.123	-.128
	240	-.008	-.005	-.019	-.039	-.080	-.101	-.106	-.110
	255	.001	-.003	-.023	-.046	-.065	-.092	-.098	-.115
	270	.012	.000	-.025	-.059	-.068	-.098	-.118	-.128
	285	.017	.001	-.027	-.064	-.095	-.107	-.096	-.073
	300	.013	-.003	-.031	-.065	-.095	-.117	-.131	-.153
	315								
	330	-.031	-.002	.035	.086	.150	.233	.330	.445
	345	-.030	-.002	.032	.084	.149	.234	.333	.450
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.032	-.003	.035	.089	.156	.244	.345	.463
	.350	-.029	-.004	.035	.089	.157	.246	.347	.466
	.400	-.078	-.005	.036	.092	.162	.253	.354	.473
	.425	-.119	-.004	.037	.095	.164	.258	.359	.477
	.450	-.105	-.011	.039	.099	.171	.265	.368	.487
LEEWARD WING	.450	.031	-.003	-.116	-.173	-.204	-.217	-.222	-.225
	.425	.028	-.005	-.125	-.186	-.214	-.232	-.238	-.238
	.400	.024	-.007	-.119	-.194	-.232	-.246	-.248	-.246
	.350	.022	-.005	-.024	-.194	-.233	-.249	-.254	-.255
	.300	.018	-.005	-.030	-.068	-.155	-.179	-.189	-.190
	.250								
	.200								
	.150								
	.100								
	.050								

Table 9. Continued

(b) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
BODY	0	-.041	-.006	.039	.097	.166	.258	.356	.469
	15	-.044	-.007	.038	.095	.165	.255	.351	.464
	30	-.045	-.008	.038	.095	.166	.259	.356	.470
	45								
	60	.003	-.009	-.027	-.033	-.083	-.166	-.211	-.233
	75								
	90								
	105	.004	-.005	-.019	-.032	-.061	-.067	-.090	-.103
	120	.002	-.006	-.022	-.034	-.065	-.066	-.084	-.095
	135	.005	-.004	-.020	-.036	-.050	-.060	-.078	-.086
	150	.005	-.005	-.020	-.051	-.065	-.060	-.077	-.081
	165	.007	-.005	-.017	-.041	-.062	-.069	-.080	-.082
	180	.009	-.004	-.013	-.024	-.037	-.065	-.073	-.073
	195	.009	-.004	-.014	-.035	-.053	-.069	-.075	-.081
	210	.007	-.005	-.018	-.058	-.085	-.063	-.074	-.080
	225	.006	-.004	-.020	-.041	-.053	-.064	-.076	-.081
	240	.003	-.007	-.023	-.037	-.067	-.068	-.083	-.087
	255	.006	-.005	-.022	-.036	-.061	-.068	-.089	-.104
	270	.002	-.012	-.030	-.045	-.062	-.075	-.096	-.100
	285	.004	-.011	-.029	-.041	-.054	-.077	-.086	-.168
	300	.005	-.009	-.026	-.035	-.067	-.163	-.204	-.222
	315								
	330	-.040	-.005	.041	.096	.165	.258	.353	.471
	345	-.040	-.004	.041	.098	.167	.260	.357	.472
Y/S		CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
WINDWARD WING	.075								
	.150								
	.225								
	.300	-.038	-.003	.045	.101	.170	.264	.361	.481
	.375	-.038	-.005	.044	.100	.169	.264	.361	.482
	.450	-.036	-.005	.044	.103	.172	.266	.363	.485
	.524	-.027	-.002	.048	.110	.179	.274	.373	.494
	.599	-.121	-.003	.049	.114	.183	.278	.378	.498
	.637	-.117	-.003	.052	.119	.189	.286	.386	.505
	.674	-.101	-.004	.056	.124	.196	.293	.393	.511
LEEWARD WING	.674	.025	-.005	-.106	-.153	-.192	-.224	-.238	-.246
	.637	.024	-.002	-.110	-.152	-.193	-.223	-.236	-.243
	.599	.020	-.003	-.120	-.162	-.197	-.225	-.238	-.246
	.524	.015	-.006	-.072	-.188	-.207	-.232	-.244	-.251
	.450	.010	-.009	-.010	-.177	-.223	-.242	-.250	-.255
	.375	.011	-.008	-.023	-.040	-.185	-.241	-.254	-.260
	.300	.009	-.008	-.026	-.030	-.070	-.148	-.197	-.217
	.225								
	.150								
	.075								

Table 9. Continued
(b) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
BODY	0	-.045	-.013	.034	.092	.163	.255	.353	.471
	15	-.045	-.012	.035	.093	.164	.254	.353	.471
	30	-.048	-.012	.034	.094	.165	.252	.355	.469
	45								
	60								
	75	.010	-.002	-.017	-.026	-.059	-.108	-.131	-.217
	90	.011	-.002	-.018	-.029	-.043	-.066	-.072	-.046
	105	.009	-.003	-.017	-.031	-.042	-.063	-.072	-.085
	120	.006	-.005	-.018	-.031	-.038	-.060	-.071	-.071
	135	.008	-.003	-.016	-.030	-.035	-.056	-.070	-.073
	150	.010	-.003	-.016	-.035	-.038	-.051	-.066	-.075
	165	.014	-.003	-.014	-.034	-.045	-.050	-.060	-.072
	180	.014	-.004	-.013	-.022	-.041	-.051	-.053	-.053
	195	.014	-.001	-.013	-.027	-.044	-.049	-.055	-.059
	210	.009	-.004	-.018	-.043	-.044	-.052	-.061	-.064
	225	.011	-.003	-.017	-.029	-.036	-.051	-.059	-.063
	240	.010	-.004	-.018	-.028	-.039	-.055	-.062	-.067
	255	.012	-.003	-.019	-.028	-.042	-.059	-.072	-.088
	270	.010	-.005	-.023	-.034	-.049	-.065	-.071	-.095
	285	.008	-.006	-.024	-.032	-.051	-.097	-.150	-.216
	300	.007	-.008	-.024	-.029	-.054	-.143	-.209	-.235
	315								
	330	-.047	-.012	.033	.093	.164	.252	.352	.472
	345	-.046	-.011	.035	.094	.164	.255	.354	.473
Y/S		CP FOR ALPHA, DEG =							
		-3.97	.00	4.03	8.04	11.99	16.05	20.03	24.03
WINDWARD WING	.190								
	.274	-.044	-.008	.036	.097	.169	.257	.359	.479
	.379	-.045	-.010	.036	.095	.168	.261	.359	.483
	.473	-.042	-.008	.040	.098	.171	.265	.364	.489
	.569	-.040	-.009	.039	.097	.171	.265	.363	.486
	.664	-.036	-.009	.042	.100	.175	.269	.371	.491
	.759	-.130	-.009	.045	.106	.181	.276	.379	.498
	.806	-.113	-.007	.049	.111	.188	.283	.387	.505
	.854	-.102	-.006	.052	.118	.194	.291	.395	.513
LEEWARD WING	.854	.022	-.005	-.099	-.142	-.173	-.216	-.236	-.238
	.806	.020	-.005	-.101	-.142	-.176	-.217	-.236	-.242
	.759	.016	-.007	-.111	-.151	-.185	-.220	-.238	-.246
	.664	.015	-.005	-.095	-.174	-.196	-.222	-.237	-.247
	.569	.014	-.006	-.005	-.197	-.226	-.238	-.249	-.257
	.473	.016	-.004	-.014	-.065	-.224	-.255	-.259	-.261
	.379	.014	-.005	-.018	-.023	-.119	-.203	-.233	-.251
	.274	.013	-.002	-.017	-.023	-.058	-.136	-.200	-.222
	.190								

Table 9. Continued

(c) $M_\infty = 2.40$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
BODY	0	-.017	.008	.039	.087	.153	.243	.336	.457
	15	-.017	.009	.042	.090	.157	.247	.340	.460
	30	-.021	.006	.041	.088	.154	.239	.330	.445
	45								
	60	.017	.000	-.026	-.060	-.086	-.122	-.136	-.158
	75	.019	.003	-.023	-.057	-.075	-.070	-.056	-.040
	90	.015	.002	-.021	-.053	-.072	-.101	-.108	-.101
	105	.005	.001	-.020	-.042	-.057	-.085	-.097	-.110
	120	-.003	-.002	-.017	-.035	-.064	-.084	-.093	-.106
	135	-.004	-.002	-.010	-.032	-.099	-.100	-.110	-.116
	150	-.003	-.002	-.006	-.032	-.113	-.103	-.115	-.124
	165	.000	-.002	-.002	-.024	-.054	-.106	-.114	-.131
	180	.010	.007	.005	.004	-.002	-.046	-.075	-.084
	195	.000	.000	.001	-.014	-.029	-.099	-.110	-.126
	210	-.005	.000	-.004	-.032	-.118	-.110	-.124	-.136
	225	-.006	.000	-.006	-.029	-.102	-.104	-.115	-.124
	240	-.005	-.001	-.012	-.034	-.076	-.095	-.101	-.114
	255	.006	.002	-.015	-.038	-.058	-.086	-.094	-.112
	270	.015	.002	-.021	-.056	-.067	-.102	-.111	-.129
	285	.021	.005	-.021	-.062	-.088	-.088	-.069	-.050
	300	.017	.000	-.026	-.059	-.074	-.080	-.087	-.105
	315								
	330	-.022	.007	.038	.086	.153	.240	.332	.451
	345	-.021	.005	.036	.085	.151	.240	.336	.456
	Y/S	CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
WINDWARD WING	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.022	.006	.038	.088	.159	.252	.349	.474
	.350	-.022	.004	.036	.087	.159	.254	.351	.477
	.400	-.066	.006	.038	.089	.161	.259	.359	.488
	.425	-.091	.006	.038	.090	.162	.260	.360	.489
	.450	-.084	-.004	.042	.097	.168	.267	.370	.501
LEEWARD WING	.450	.039	-.002	-.096	-.142	-.158	-.168	-.170	-.170
	.425	.034	.003	-.103	-.149	-.164	-.177	-.181	-.183
	.400	.031	.002	-.096	-.157	-.179	-.190	-.190	-.189
	.350	.031	.004	-.025	-.162	-.180	-.193	-.194	-.196
	.300	.027	.003	-.022	-.063	-.117	-.137	-.138	-.142
	.250								
	.200								
	.150								
	.100								
	.050								

Table 9. Continued

(c) Continued; station 2

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
BODY	0	-.027	.005	.045	.103	.176	.270	.363	.492
	15	-.030	.003	.043	.100	.171	.262	.354	.481
	30	-.030	.004	.045	.103	.175	.270	.364	.494
	45								
	60	.018	.004	-.012	-.025	-.081	-.143	-.162	-.171
	75								
	90								
	105	.015	.004	-.012	-.027	-.056	-.072	-.091	-.108
	120	.013	.003	-.010	-.026	-.054	-.066	-.082	-.093
	135	.013	.004	-.009	-.029	-.047	-.062	-.077	-.088
	150	.013	.003	-.009	-.042	-.048	-.060	-.076	-.086
	165	.015	.005	-.006	-.032	-.056	-.063	-.074	-.083
	180	.015	.005	-.004	-.013	-.038	-.059	-.073	-.069
	195	.015	.005	-.004	-.024	-.049	-.066	-.074	-.082
	210	.013	.005	-.007	-.045	-.066	-.064	-.072	-.081
	225	.013	.006	-.008	-.032	-.046	-.066	-.075	-.085
	240	.011	.003	-.012	-.029	-.057	-.068	-.080	-.096
	255	.014	.003	-.013	-.028	-.055	-.070	-.089	-.108
	270	.010	-.002	-.020	-.035	-.056	-.076	-.086	-.081
	285	.012	-.002	-.019	-.033	-.048	-.063	-.068	-.113
	300	.013	-.002	-.017	-.032	-.082	-.148	-.161	-.171
	315								
	330	-.026	.005	.047	.105	.175	.270	.363	.491
	345	-.025	.007	.047	.104	.177	.271	.364	.493
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
	.075								
	.150								
	.225								
	.300	-.025	.007	.048	.108	.179	.275	.368	.499
	.375	-.024	.008	.050	.110	.182	.279	.372	.504
	.450	-.022	.008	.051	.112	.185	.282	.377	.507
	.524	-.016	.009	.053	.113	.187	.286	.382	.511
	.599	-.092	.009	.056	.118	.192	.293	.392	.519
	.637	-.089	.010	.058	.122	.197	.299	.400	.526
	.674	-.079	.009	.062	.127	.204	.306	.408	.534
LEEWARD WING	.674	.039	.006	-.089	-.130	-.160	-.177	-.181	-.185
	.637	.035	.006	-.091	-.131	-.162	-.179	-.183	-.186
	.599	.033	.005	-.090	-.133	-.163	-.180	-.183	-.187
	.524	.031	.007	-.065	-.146	-.158	-.179	-.185	-.190
	.450	.027	.006	-.005	-.152	-.170	-.184	-.191	-.195
	.375	.027	.007	-.009	-.055	-.169	-.193	-.197	-.199
	.300	.023	.005	-.011	-.022	-.071	-.130	-.147	-.155
	.225								
	.150								
	.075								

Table 9. Continued

(c) Concluded; station 3

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
BODY	0	-.030	.003	.044	.100	.170	.268	.366	.492
	15	-.030	.004	.045	.101	.171	.268	.366	.492
	30	-.031	.004	.043	.099	.171	.266	.366	.490
	45								
	60								
	75	.019	.005	-.010	-.019	-.047	-.071	-.123	-.152
	90	.022	.007	-.008	-.019	-.036	-.053	-.058	-.055
	105	.019	.006	-.010	-.023	-.038	-.058	-.077	-.100
	120	.016	.004	-.011	-.026	-.035	-.055	-.067	-.086
	135	.020	.007	-.007	-.024	-.029	-.049	-.061	-.069
	150	.019	.006	-.008	-.032	-.033	-.047	-.061	-.071
	165	.020	.006	-.006	-.032	-.041	-.045	-.060	-.078
	180	.019	.004	-.005	-.018	-.041	-.043	-.056	-.061
	195	.020	.006	-.005	-.023	-.043	-.043	-.053	-.065
	210	.015	.002	-.010	-.040	-.043	-.046	-.058	-.070
	225	.016	.004	-.009	-.028	-.035	-.047	-.060	-.066
	240	.015	.003	-.011	-.027	-.036	-.050	-.065	-.067
	255	.018	.005	-.010	-.025	-.037	-.057	-.079	-.090
	270	.015	.001	-.014	-.029	-.042	-.054	-.054	-.091
	285	.015	.001	-.014	-.026	-.047	-.073	-.134	-.155
	300	.013	-.001	-.014	-.026	-.064	-.143	-.168	-.182
	315								
	330	-.030	.003	.044	.101	.171	.269	.365	.490
	345	-.030	.003	.044	.101	.171	.268	.366	.492
Y/S		CP FOR ALPHA, DEG =							
		-3.92	.04	3.97	8.04	12.00	16.09	20.06	24.04
WINDWARD WING	.190								
	.274	-.027	.006	.047	.104	.175	.274	.369	.496
	.379	-.029	.004	.046	.104	.176	.275	.371	.499
	.473	-.026	.007	.048	.107	.180	.277	.375	.503
	.569	-.024	.005	.049	.108	.183	.279	.378	.507
	.664	-.025	.005	.050	.111	.187	.282	.384	.515
	.759	-.096	.006	.053	.117	.194	.292	.392	.522
	.806	-.086	.007	.057	.121	.198	.298	.398	.527
	.854	-.076	.006	.060	.127	.204	.304	.404	.533
LEEWARD WING	.854	.033	.004	-.083	-.119	-.151	-.178	-.185	-.181
	.806	.031	.005	-.084	-.119	-.152	-.178	-.188	-.185
	.759	.028	.004	-.085	-.123	-.154	-.179	-.188	-.187
	.664	.024	.004	-.070	-.139	-.154	-.175	-.185	-.189
	.569	.020	.002	-.014	-.150	-.164	-.180	-.189	-.194
	.473	.022	.002	-.007	-.089	-.175	-.188	-.195	-.199
	.379	.021	.002	-.010	-.017	-.134	-.180	-.190	-.196
	.274	.021	.004	-.009	-.018	-.051	-.132	-.160	-.169
	.190								

Table 9. Continued

(d) $M_\infty = 2.86$; station 1

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
BODY	0	-.009	.010	.040	.087	.149	.222	.315	.420
	15	-.008	.012	.043	.090	.151	.225	.319	.427
	30	-.012	.010	.041	.086	.144	.215	.307	.413
	45								
	60	.016	.003	-.019	-.042	-.050	-.060	-.071	-.079
	75	.016	.005	-.017	-.047	-.051	-.043	-.027	-.011
	90	.012	.005	-.016	-.056	-.068	-.079	-.078	-.068
	105	.003	.003	-.015	-.041	-.055	-.072	-.078	-.090
	120	-.005	.001	-.012	-.033	-.058	-.070	-.077	-.089
	135	-.003	.002	-.007	-.028	-.074	-.080	-.086	-.091
	150	.002	.002	-.003	-.027	-.076	-.085	-.091	-.097
	165	.006	.001	.000	-.020	-.047	-.082	-.090	-.098
	180	.065	.028	.021	.014	.008	-.010	-.036	-.049
	195	.005	.001	.001	-.012	-.034	-.076	-.088	-.097
	210	.001	.002	-.001	-.025	-.079	-.086	-.095	-.099
	225	-.003	.003	-.004	-.025	-.073	-.084	-.091	-.094
	240	-.005	.003	-.009	-.030	-.059	-.075	-.083	-.091
	255	.005	.006	-.012	-.035	-.054	-.071	-.080	-.089
	270	.015	.007	-.016	-.052	-.063	-.077	-.088	-.087
	285	.022	.011	-.015	-.055	-.064	-.057	-.041	-.020
	300	.019	.008	-.019	-.043	-.042	-.034	-.027	-.024
	315								
	330	-.016	.007	.037	.082	.141	.211	.304	.406
	345	-.012	.008	.038	.085	.145	.217	.310	.414
WINDWARD WING	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
	.050								
	.100								
	.150								
	.200								
	.250								
	.300	-.016	.006	.035	.082	.142	.216	.315	.421
	.350	-.014	.006	.035	.081	.142	.215	.315	.423
	.400	-.065	.003	.036	.084	.145	.218	.316	.426
	.425	-.064	-.001	.041	.089	.152	.225	.321	.430
	.450	-.065	-.007	.041	.094	.159	.235	.330	.440
LEEWARD WING	.450	.038	.002	-.068	-.097	-.107	-.111	-.111	-.111
	.425	.035	.005	-.070	-.100	-.111	-.115	-.116	-.116
	.400	.031	.004	-.074	-.105	-.116	-.121	-.124	-.123
	.350	.029	.005	-.021	-.111	-.122	-.126	-.126	-.127
	.300	.025	.006	-.015	-.046	-.081	-.091	-.090	-.088
	.250								
	.200								
	.150								
	.100								
	.050								

Table 9. Continued

(d) Continued; station 2

THETA, DEG		CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
BODY	0	-.011	.013	.049	.104	.172	.254	.359	.472
	15	-.014	.012	.047	.102	.168	.247	.350	.460
	30	-.016	.010	.046	.102	.170	.252	.360	.473
	45								
	60	.023	.007	-.009	-.028	-.062	-.089	-.102	-.107
	75								
	90								
	105	.019	.010	-.007	-.022	-.042	-.057	-.073	-.082
	120	.014	.007	-.007	-.023	-.042	-.055	-.065	-.079
	135	.013	.008	-.004	-.025	-.039	-.051	-.061	-.072
	150	.011	.007	-.004	-.036	-.040	-.053	-.063	-.074
	165	.012	.007	-.003	-.028	-.048	-.055	-.064	-.074
	180	.013	.007	.000	-.005	-.037	-.053	-.063	-.064
	195	.014	.008	.000	-.016	-.045	-.056	-.067	-.072
	210	.014	.007	-.003	-.039	-.047	-.057	-.068	-.074
	225	.015	.008	-.004	-.028	-.043	-.057	-.067	-.076
	240	.014	.005	-.008	-.026	-.045	-.056	-.072	-.083
	255	.018	.007	-.009	-.024	-.043	-.057	-.077	-.087
	270	.016	.002	-.015	-.031	-.049	-.064	-.067	-.051
	285	.018	.004	-.015	-.031	-.039	-.036	-.027	-.038
	300	.022	.005	-.012	-.031	-.064	-.093	-.099	-.099
	315								
	330	-.010	.013	.051	.107	.173	.256	.360	.473
	345	-.007	.015	.052	.107	.174	.257	.362	.474
Y/S		CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
WINDWARD WING	.075								
	.150								
	.225								
	.300	-.007	.015	.054	.111	.179	.263	.367	.482
	.375	-.007	.015	.054	.110	.179	.263	.368	.483
	.450	-.006	.017	.054	.111	.181	.265	.372	.488
	.524	-.014	.023	.059	.116	.187	.273	.378	.497
	.599	-.064	.022	.059	.119	.190	.278	.384	.505
	.637	-.060	.020	.060	.122	.195	.284	.392	.515
	.674	-.057	.005	.064	.127	.202	.292	.401	.526
	LEEWARD WING	.674	.042	.004	-.068	-.098	-.110	-.117	-.120
.637		.039	.014	-.067	-.098	-.109	-.116	-.119	-.120
.599		.036	.013	-.071	-.098	-.109	-.117	-.121	-.121
.524		.035	.013	-.053	-.096	-.105	-.112	-.118	-.121
.450		.032	.011	-.013	-.100	-.110	-.116	-.121	-.123
.375		.031	.009	-.006	-.078	-.120	-.127	-.130	-.132
.300		.027	.007	-.009	-.029	-.064	-.083	-.090	-.095
.225									
.150									
.075									

Table 9. Concluded

(d) Concluded; station 3

	THETA, DEG	CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
BODY	0	-.019	.017	.057	.110	.178	.264	.371	.490
	15	-.019	.018	.060	.112	.178	.265	.370	.490
	30	-.019	.018	.063	.114	.179	.266	.373	.492
	45								
	60								
	75	.021	.011	-.004	-.013	-.030	-.034	-.067	-.081
	90	.025	.012	-.004	-.016	-.031	-.041	-.036	-.015
	105	.022	.011	-.005	-.017	-.033	-.051	-.071	-.077
	120	.019	.007	-.007	-.022	-.030	-.049	-.062	-.079
	135	.019	.007	-.006	-.022	-.030	-.047	-.055	-.074
	150	.018	.007	-.005	-.027	-.029	-.041	-.051	-.065
	165	.019	.009	-.002	-.024	-.030	-.038	-.048	-.067
	180	.018	.005	-.003	-.013	-.033	-.040	-.049	-.063
	195	.019	.007	-.003	-.019	-.034	-.039	-.052	-.064
	210	.016	.004	-.008	-.035	-.033	-.042	-.057	-.067
	225	.018	.006	-.006	-.025	-.033	-.045	-.060	-.066
	240	.018	.005	-.008	-.022	-.035	-.048	-.062	-.067
	255	.020	.006	-.007	-.020	-.036	-.053	-.070	-.075
	270	.021	.007	-.007	-.019	-.035	-.044	-.039	-.038
	285	.015	.005	-.010	-.019	-.034	-.052	-.076	-.079
	300	.018	.004	-.011	-.020	-.069	-.100	-.110	-.111
	315								
	330	-.020	.017	.060	.108	.179	.264	.370	.489
	345	-.020	.018	.059	.110	.179	.266	.372	.492
	Y/S	CP FOR ALPHA, DEG =							
		-3.97	.02	4.05	8.04	11.99	16.03	19.99	23.98
WINDWARD WING	.190								
	.274	-.016	.023	.063	.111	.183	.268	.375	.496
	.379	-.019	.018	.061	.114	.183	.269	.378	.498
	.473	-.016	.020	.061	.120	.185	.273	.384	.502
	.569	-.014	.016	.059	.121	.188	.272	.384	.501
	.664	-.035	.016	.062	.126	.198	.277	.391	.505
	.759	-.069	.015	.064	.129	.205	.285	.399	.514
	.806	-.061	.018	.068	.134	.212	.294	.406	.524
	.854	-.059	.015	.071	.139	.220	.307	.414	.535
LEEWARD WING	.854	.036	.002	-.070	-.097	-.110	-.118	-.121	-.117
	.806	.033	.011	-.071	-.097	-.113	-.121	-.124	-.121
	.759	.030	.010	-.073	-.100	-.113	-.123	-.125	-.123
	.664	.029	.010	-.053	-.093	-.104	-.116	-.121	-.123
	.569	.027	.008	-.026	-.092	-.105	-.114	-.120	-.125
	.473	.030	.012	.001	-.093	-.111	-.119	-.124	-.127
	.379	.026	.008	-.006	-.037	-.112	-.126	-.129	-.130
	.274	.028	.013	-.003	-.013	-.050	-.089	-.100	-.103
	.190								

Table 10. Configuration 8

(a) $M_\infty = 1.70$; station 1

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.01	4.02	8.01	12.01	16.04	19.99	23.96
0	.030	.018	.016	.020	.033	.072	.126	.203
15	-.005	-.011	-.011	-.003	.008	.052	.116	.192
30	-.010	-.013	-.016	-.014	-.024	.002	.055	.117
45	-.012	-.013	-.019	-.034	-.063	-.070	-.037	.006
60	-.018	-.015	-.026	-.057	-.099	-.153	-.145	-.122
75	-.021	-.014	-.028	-.067	-.119	-.119	-.248	-.245
90	-.029	-.016	-.030	-.067	-.105	-.082	-.196	-.226
105	-.028	-.014	-.024	-.049	-.067	-.084	-.144	-.193
120	-.027	-.017	-.024	-.039	-.060	-.103	-.134	-.194
135	-.016	-.014	-.017	-.031	-.062	-.100	-.122	-.174
150	-.011	-.013	-.014	-.034	-.088	-.153	-.117	-.164
165	-.009	-.013	-.014	-.030	-.068	-.098	-.145	-.166
180	-.010	-.013	-.012	-.010	-.026	-.058	-.132	-.141
195	-.011	-.013	-.012	-.023	-.050	-.086	-.146	-.157
210	-.012	-.012	-.013	-.033	-.104	-.175	-.119	-.162
225	-.017	-.013	-.016	-.030	-.063	-.095	-.120	-.169
240	-.024	-.015	-.022	-.035	-.057	-.107	-.132	-.178
255	-.022	-.012	-.021	-.043	-.059	-.089	-.134	-.175
270	-.021	-.011	-.023	-.058	-.094	-.085	-.162	-.193
285	-.017	-.012	-.026	-.064	-.116	-.119	-.257	-.260
300	-.015	-.012	-.024	-.057	-.102	-.163	-.163	-.144
315	-.012	-.012	-.022	-.040	-.071	-.082	-.057	-.020
330	-.009	-.010	-.015	-.018	-.031	-.005	.041	.097
345	-.007	-.010	-.010	-.005	.002	.047	.109	.181

Table 10. Continued
(a) Continued; station 2

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.01	4.02	8.01	12.01	16.04	19.99	23.96
0	-.012	-.010	-.005	.009	.040	.078	.137	.206
15	-.012	-.008	-.005	.007	.031	.066	.115	.184
30	-.013	-.007	-.006	-.002	.004	.025	.052	.112
45	-.014	-.007	-.009	-.017	-.033	-.038	-.044	.000
60	-.017	-.007	-.012	-.032	-.072	-.112	-.154	-.127
75	-.020	-.006	-.015	-.044	-.098	-.172	-.219	-.238
90	-.021	-.004	-.014	-.039	-.086	-.115	-.113	-.145
105	-.019	-.003	-.012	-.025	-.050	-.070	-.103	-.136
120	-.021	-.009	-.016	-.024	-.047	-.072	-.115	-.148
135	-.015	-.007	-.012	-.020	-.043	-.059	-.120	-.154
150	-.010	-.006	-.011	-.026	-.044	-.061	-.124	-.163
165	-.007	-.007	-.010	-.029	-.059	-.078	-.126	-.168
180	-.008	-.008	-.008	-.013	-.043	-.074	-.112	-.143
195	-.009	-.009	-.011	-.026	-.056	-.079	-.122	-.155
210	-.010	-.008	-.011	-.035	-.051	-.064	-.120	-.152
225	-.013	-.007	-.012	-.023	-.042	-.056	-.118	-.143
240	-.019	-.007	-.012	-.023	-.043	-.064	-.111	-.137
255	-.023	-.008	-.015	-.031	-.048	-.066	-.099	-.136
270	-.024	-.008	-.017	-.044	-.077	-.093	-.102	-.138
285	-.024	-.010	-.020	-.051	-.099	-.171	-.199	-.222
300	-.019	-.008	-.017	-.042	-.081	-.126	-.175	-.154
315	-.018	-.010	-.016	-.029	-.049	-.056	-.068	-.030
330	-.017	-.011	-.012	-.013	-.008	.009	.033	.086
345	-.013	-.008	-.005	.005	.028	.060	.110	.174

Table 10. Continued

(a) Concluded; station 3

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.01	4.02	8.01	12.01	16.04	19.99	23.96
0	-.007	-.008	-.002	.010	.033	.067	.122	.198
15	-.008	-.004	.000	.007	.028	.056	.107	.179
30	-.012	-.007	-.007	-.007	.000	.013	.043	.102
45	-.013	-.009	-.012	-.022	-.034	-.051	-.049	-.011
60	-.016	-.009	-.017	-.039	-.062	-.099	-.149	-.138
75	-.017	-.006	-.016	-.046	-.077	-.128	-.170	-.234
90	-.019	-.006	-.019	-.047	-.077	-.103	-.120	-.156
105	-.016	-.005	-.014	-.033	-.049	-.060	-.081	-.135
120	-.013	-.008	-.014	-.028	-.046	-.060	-.084	-.134
135	-.004	-.005	-.012	-.024	-.042	-.063	-.087	-.132
150	-.001	-.004	-.011	-.026	-.039	-.063	-.093	-.134
165	-.001	-.004	-.012	-.033	-.042	-.062	-.105	-.144
180	.001	-.002	-.007	-.015	-.027	-.054	-.092	-.112
195	.001	-.001	-.007	-.024	-.034	-.054	-.091	-.110
210	-.001	-.004	-.009	-.028	-.038	-.061	-.089	-.118
225	-.008	-.007	-.011	-.024	-.039	-.062	-.085	-.115
240	-.016	-.009	-.013	-.025	-.040	-.056	-.079	-.111
255	-.019	-.009	-.017	-.028	-.041	-.060	-.081	-.115
270								
285	-.017	-.009	-.017	-.042	-.077	-.129	-.181	-.209
300	-.018	-.012	-.020	-.041	-.064	-.110	-.166	-.161
315	-.012	-.006	-.010	-.021	-.031	-.053	-.061	-.027
330	-.013	-.009	-.011	-.009	-.005	.004	.029	.085
345	-.011	-.009	-.006	.003	.020	.048	.094	.166

Table 10. Continued

(b) $M_{\lambda} = 2.46$; station 1

THETA, DEG	CP FOR ALPHA, DEG =							
	-3.97	.01	3.99	8.20	12.02	16.00	20.04	23.98
0	.000	.004	.006	.016	.043	.077	.141	.211
15	-.006	-.006	-.005	-.007	.040	.087	.157	.231
30	-.005	-.003	-.003	-.001	.019	.057	.112	.176
45	-.008	-.003	-.007	-.001	-.022	.003	.040	.087
60	-.014	-.005	-.013	-.002	-.072	-.063	-.044	-.012
75	-.020	-.007	-.018	-.006	-.121	-.130	-.125	-.108
90	-.018	-.003	-.012	-.049	-.076	-.114	-.125	-.130
105	-.018	-.003	-.010	-.036	-.052	-.087	-.109	-.119
120	-.017	-.004	-.008	-.024	-.052	-.086	-.110	-.116
135	-.008	.000	-.002	-.016	-.076	-.082	-.106	-.112
150	-.007	-.003	-.004	-.021	-.123	-.083	-.109	-.118
165	-.005	-.005	-.004	-.019	-.047	-.103	-.112	-.125
180	-.004	-.004	-.002	-.002	-.006	-.070	-.091	-.103
195	-.005	-.003	-.001	-.009	-.024	-.092	-.101	-.116
210	-.008	-.003	-.003	-.025	-.123	-.090	-.103	-.118
225	-.012	-.003	-.005	-.020	-.084	-.082	-.105	-.114
240	-.019	-.006	-.011	-.025	-.061	-.084	-.108	-.114
255	-.020	-.004	-.013	-.033	-.051	-.085	-.104	-.116
270	-.018	-.004	-.014	-.048	-.062	-.100	-.117	-.123
285	-.018	-.006	-.018	-.058	-.121	-.140	-.135	-.124
300	-.013	-.007	-.016	-.051	-.085	-.081	-.057	-.032
315	-.008	-.004	-.010	-.030	-.033	-.016	.028	.068
330	-.007	-.005	-.008	-.011	.007	.041	.099	.158
345	-.004	-.004	-.007	.007	.040	.085	.157	.228

Table 10. Continued

(b) Continued: station 2

THETA, DEG	CP FOR ALPHA, DEG =							
	-3.97	.01	3.99	8.00	12.02	16.00	20.04	23.98
0	-.006	-.004	.002	.013	.043	.096	.163	.236
15	-.006	-.002	.003	.012	.038	.086	.148	.218
30	-.010	-.004	-.003	-.004	.009	.045	.097	.154
45	-.011	-.003	-.006	-.015	-.031	-.007	.029	.070
60	-.016	-.007	-.015	-.031	-.079	-.077	-.057	-.032
75	-.018	-.006	-.014	-.042	-.074	-.133	-.134	-.122
90	-.023	-.009	-.016	-.042	-.073	-.086	-.113	-.129
105	-.020	-.006	-.012	-.028	-.054	-.073	-.101	-.117
120	-.012	-.001	-.006	-.015	-.046	-.068	-.092	-.105
135	-.007	-.002	-.006	-.016	-.035	-.071	-.096	-.108
150	-.004	-.004	-.008	-.027	-.040	-.073	-.102	-.115
165	.002	-.001	-.002	-.023	-.043	-.075	-.103	-.114
180	.000	-.004	-.002	-.007	-.027	-.067	-.086	-.090
195	.001	-.001	.000	-.013	-.038	-.070	-.090	-.104
210	-.005	-.004	-.005	-.033	-.045	-.072	-.099	-.118
225	-.014	-.008	-.012	-.025	-.035	-.076	-.099	-.115
240	-.016	-.005	-.009	-.020	-.048	-.071	-.092	-.107
255	-.021	-.006	-.011	-.024	-.048	-.069	-.094	-.110
270	-.018	-.004	-.010	-.034	-.057	-.074	-.099	-.114
285	-.012	.000	-.009	-.039	-.066	-.119	-.136	-.130
300	-.012	-.004	-.011	-.036	-.075	-.089	-.070	-.045
315	-.008	-.002	-.005	-.021	-.041	-.020	.015	.056
330	-.008	-.003	-.003	-.006	.000	.038	.089	.143
345	-.008	-.004	-.001	.007	.029	.078	.139	.207

Table 10. Continued

(b) Concluded: station 3

THETA, DEG	CP FOR ALPHA, DEG =							
	-3.97	.01	3.99	8.00	12.02	16.00	20.04	23.98
0	-.007	-.007	.001	.014	.034	.085	.150	.229
15	-.008	-.007	-.002	.010	.028	.076	.139	.214
30	-.015	-.011	-.010	-.005	.006	.031	.085	.154
45	-.012	-.008	-.009	-.016	-.023	-.023	.017	.068
60	-.014	-.007	-.012	-.030	-.062	-.088	-.063	-.032
75	-.016	-.006	-.014	-.040	-.084	-.122	-.138	-.125
90	-.017	-.005	-.013	-.037	-.058	-.068	-.109	-.131
105	-.019	-.007	-.014	-.027	-.041	-.059	-.089	-.094
120	-.016	-.007	-.011	-.022	-.038	-.060	-.088	-.092
135	-.011	-.007	-.009	-.019	-.035	-.068	-.091	-.096
150	-.006	-.007	-.008	-.021	-.037	-.069	-.092	-.098
165	.002	-.005	-.005	-.026	-.043	-.071	-.092	-.107
180	.001	-.006	-.004	-.010	-.038	-.059	-.069	-.070
195	.000	-.003	-.003	-.016	-.038	-.063	-.078	-.098
210	-.002	-.001	-.004	-.020	-.031	-.062	-.083	-.101
225	-.007	-.004	-.006	-.016	-.031	-.061	-.080	-.096
240	-.013	-.006	-.010	-.018	-.033	-.059	-.082	-.100
255	-.015	-.004	-.011	-.020	-.034	-.055	-.083	-.099
270								
285	-.015	-.005	-.013	-.037	-.076	-.108	-.136	-.135
300	-.013	-.006	-.013	-.033	-.064	-.099	-.078	-.048
315	-.013	-.006	-.010	-.021	-.028	-.034	.002	.051
330	-.011	-.005	-.005	-.004	.006	.026	.078	.141
345	-.007	-.004	.002	.010	.027	.072	.133	.205

Table 10. Continued

(c) $M_{\infty} = 2.40$; station 1

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	.01	3.97	8.01	11.99	15.99	19.99	24.01
0	-.001	-.001	.000	.010	.040	.077	.116	.190
15	-.004	-.004	-.003	.015	.051	.103	.170	.247
30	-.006	-.003	-.004	.002	.030	.073	.128	.192
45	-.009	-.004	-.008	-.019	-.007	.022	.059	.105
60	-.015	-.006	-.015	-.047	-.053	-.041	-.020	.008
75	-.019	-.006	-.018	-.067	-.098	-.100	-.094	-.080
90	-.022	-.006	-.018	-.060	-.088	-.111	-.121	-.137
105	-.021	-.005	-.016	-.040	-.058	-.093	-.109	-.122
120	-.019	-.007	-.014	-.030	-.058	-.092	-.111	-.123
135	-.009	-.004	-.007	-.024	-.093	-.091	-.109	-.121
150	-.007	-.006	-.007	-.029	-.109	-.095	-.113	-.128
165	-.006	-.008	-.005	-.025	-.055	-.107	-.116	-.131
180	-.005	-.007	-.004	-.004	-.017	-.081	-.098	-.110
195	-.006	-.006	-.003	-.014	-.032	-.097	-.108	-.125
210	-.009	-.006	-.004	-.030	-.114	-.098	-.112	-.129
225	-.015	-.006	-.007	-.025	-.093	-.095	-.110	-.124
240	-.022	-.008	-.013	-.030	-.066	-.094	-.109	-.123
255	-.021	-.006	-.013	-.035	-.055	-.091	-.106	-.120
270	-.020	-.005	-.016	-.054	-.070	-.103	-.113	-.128
285	-.018	-.006	-.018	-.067	-.107	-.115	-.106	-.094
300	-.014	-.007	-.018	-.055	-.068	-.060	-.036	-.011
315	-.009	-.005	-.014	-.029	-.022	.003	.043	.085
330	-.007	-.005	-.009	-.007	.016	.057	.113	.171
345	-.004	-.004	-.005	.011	.046	.098	.165	.241

Table 10. Continued

(c) Continued; station 2

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	.01	3.97	8.01	11.99	15.99	19.99	24.01
0	-.006	-.007	-.004	.010	.046	.100	.170	.256
15	-.008	-.006	-.003	.007	.043	.093	.160	.239
30	-.011	-.006	-.007	-.005	.018	.057	.113	.179
45	-.011	-.006	-.009	-.021	-.018	.007	.049	.099
60	-.015	-.008	-.014	-.040	-.067	-.056	-.032	.001
75	-.017	-.006	-.014	-.048	-.104	-.112	-.104	-.086
90	-.021	-.008	-.018	-.045	-.080	-.099	-.119	-.132
105	-.020	-.006	-.015	-.030	-.060	-.083	-.110	-.120
120	-.016	-.004	-.010	-.023	-.054	-.079	-.104	-.116
135	-.011	-.004	-.009	-.023	-.050	-.082	-.105	-.117
150	-.006	-.006	-.009	-.033	-.050	-.084	-.107	-.122
165	-.002	-.005	-.006	-.031	-.054	-.088	-.108	-.123
180	-.003	-.007	-.007	-.011	-.044	-.074	-.096	-.094
195	-.004	-.005	-.006	-.021	-.051	-.083	-.102	-.112
210	-.009	-.006	-.008	-.039	-.053	-.088	-.105	-.122
225	-.016	-.008	-.012	-.029	-.049	-.087	-.107	-.120
240	-.019	-.007	-.011	-.025	-.055	-.082	-.103	-.114
255	-.022	-.007	-.013	-.027	-.054	-.081	-.103	-.115
270	-.020	-.007	-.015	-.040	-.065	-.090	-.109	-.120
285	-.016	-.006	-.016	-.048	-.095	-.118	-.114	-.100
300	-.014	-.008	-.016	-.046	-.082	-.073	-.045	-.018
315	-.011	-.007	-.013	-.030	-.035	-.010	.032	.077
330	-.011	-.008	-.010	-.013	.005	.044	.100	.165
345	-.008	-.008	-.007	.002	.035	.084	.151	.228

Table 10. Continued
(c) Concluded; station 3

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	.01	3.97	8.01	11.99	15.99	19.99	24.01
0	-.005	-.005	-.002	.010	.036	.091	.165	.248
15	-.006	-.004	-.002	.008	.031	.082	.153	.234
30	-.011	-.007	-.007	-.006	.005	.045	.104	.171
45	-.010	-.005	-.008	-.019	-.029	-.002	.040	.090
60	-.011	-.005	-.012	-.037	-.072	-.062	-.036	-.003
75	-.013	-.005	-.014	-.046	-.089	-.116	-.107	-.089
90	-.014	-.004	-.014	-.042	-.067	-.087	-.111	-.120
105	-.014	-.004	-.013	-.030	-.048	-.074	-.098	-.111
120	-.012	-.005	-.011	-.027	-.047	-.074	-.096	-.110
135	-.008	-.004	-.009	-.025	-.045	-.077	-.099	-.115
150	-.003	-.003	-.007	-.028	-.046	-.078	-.102	-.120
165	.000	-.003	-.006	-.033	-.051	-.080	-.104	-.121
180	.001	-.003	-.005	-.017	-.048	-.066	-.084	-.089
195	.000	-.003	-.004	-.022	-.050	-.070	-.097	-.107
210	-.002	-.002	-.005	-.031	-.045	-.074	-.099	-.115
225	-.008	-.003	-.007	-.024	-.042	-.072	-.097	-.109
240	-.014	-.005	-.010	-.026	-.044	-.070	-.097	-.107
255	-.014	-.003	-.009	-.026	-.043	-.067	-.096	-.107
270								
285	-.011	-.004	-.014	-.044	-.083	-.110	-.118	-.104
300	-.010	-.005	-.014	-.041	-.084	-.077	-.051	-.023
315	-.008	-.004	-.009	-.025	-.044	-.016	.025	.071
330	-.008	-.004	-.006	-.009	-.004	.039	.094	.159
345	-.005	-.003	-.002	.006	.027	.079	.146	.225

Table 10. Continued

(d) $M_\infty = 2.86$; station 1

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.06	4.00	7.99	11.98	16.02	20.01	23.98
0	.003	-.009	.006	.020	.049	.090	.147	.211
15	.004	.001	.007	.026	.063	.113	.169	.241
30	.002	.001	.005	.018	.046	.086	.135	.197
45	-.001	.000	.000	-.001	.014	.042	.078	.122
60	-.007	-.003	-.008	-.025	-.024	-.010	.012	.038
75	-.011	-.002	-.012	-.046	-.060	-.059	-.047	-.036
90	-.013	-.002	-.012	-.053	-.068	-.083	-.089	-.086
105	-.013	-.001	-.010	-.035	-.053	-.071	-.079	-.089
120	-.013	-.004	-.009	-.024	-.052	-.072	-.080	-.089
135	-.001	.000	-.001	-.015	-.064	-.068	-.077	-.086
150	.000	-.004	-.003	-.020	-.070	-.078	-.086	-.095
165	.001	-.007	-.004	-.019	-.046	-.081	-.090	-.097
180	.003	-.006	-.001	-.003	-.018	-.062	-.077	-.080
195	.004	-.005	.000	-.009	-.031	-.074	-.082	-.090
210	.001	-.005	-.002	-.020	-.072	-.079	-.086	-.094
225	-.004	-.003	-.003	-.018	-.066	-.075	-.082	-.089
240	-.013	-.005	-.010	-.025	-.054	-.074	-.082	-.091
255	-.013	-.002	-.009	-.030	-.051	-.071	-.078	-.087
270	-.013	.000	-.012	-.049	-.063	-.076	-.085	-.095
285	-.011	-.002	-.014	-.052	-.068	-.068	-.060	-.046
300	-.008	-.003	-.012	-.033	-.035	-.023	-.005	.023
315	-.002	.000	-.004	-.009	.005	.029	.062	.106
330	.000	-.001	.000	.009	.036	.074	.119	.179
345	.003	.000	.005	.023	.061	.108	.165	.238

Table 10. Continued

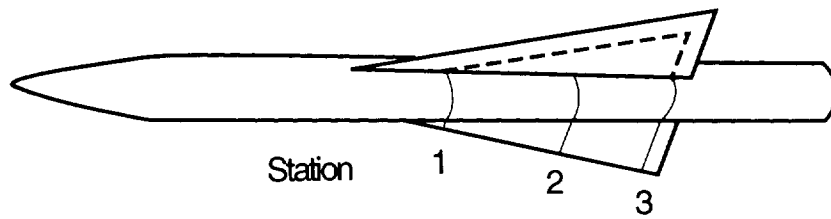
(d) Continued; station 2

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.06	4.00	7.99	11.98	16.02	20.01	23.98
0	.007	.003	.007	.025	.066	.119	.179	.258
15	.006	.004	.007	.023	.061	.110	.170	.244
30	.002	.001	.002	.009	.037	.078	.128	.189
45	.001	.001	-.001	-.008	.006	.035	.073	.117
60	-.003	-.002	-.009	-.034	-.036	-.020	.004	.032
75	-.003	.000	-.010	-.046	-.070	-.067	-.053	-.040
90	-.011	-.004	-.016	-.043	-.072	-.081	-.098	-.101
105	-.013	-.004	-.013	-.029	-.056	-.073	-.087	-.096
120	-.007	-.001	-.004	-.017	-.045	-.063	-.076	-.086
135	-.005	-.001	-.003	-.018	-.045	-.067	-.080	-.089
150	-.002	-.003	-.004	-.026	-.047	-.071	-.084	-.094
165	.005	-.001	.000	-.021	-.047	-.069	-.082	-.091
180	.002	-.004	-.002	-.004	-.040	-.060	-.073	-.079
195	.003	-.002	.001	-.013	-.045	-.066	-.076	-.089
210	-.002	-.003	-.003	-.029	-.050	-.072	-.083	-.095
225	-.011	-.007	-.010	-.026	-.052	-.076	-.088	-.098
240	-.011	-.003	-.007	-.021	-.049	-.068	-.081	-.091
255	-.011	-.002	-.008	-.022	-.050	-.068	-.081	-.089
270	-.009	-.003	-.012	-.033	-.060	-.072	-.085	-.100
285	-.001	.000	-.009	-.042	-.072	-.073	-.063	-.046
300	-.001	-.001	-.010	-.040	-.043	-.030	-.009	.021
315	.002	.000	-.004	-.016	-.002	.023	.057	.104
330	.003	.000	.001	.003	.031	.070	.117	.179
345	.004	.001	.004	.017	.054	.102	.160	.234

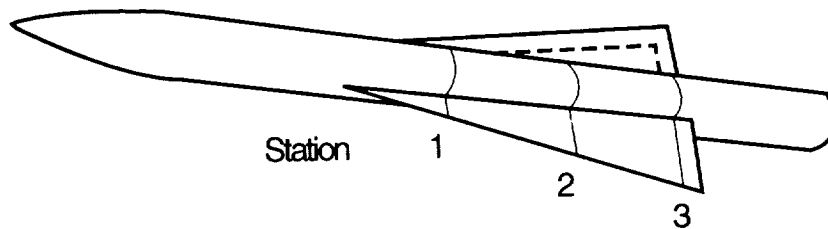
Table 10. Concluded

(d) Concluded; station 3

THETA, DEG	CP FOR ALPHA, DEG =							
	-4.00	-.06	4.00	7.99	11.98	16.02	20.01	23.98
0	.007	.009	.017	.034	.065	.119	.182	.264
15	.006	.010	.017	.032	.059	.111	.171	.249
30	-.001	.004	.008	.013	.029	.074	.124	.189
45	.004	.008	.009	-.002	.002	.034	.072	.119
60	.003	.008	.003	-.021	-.037	-.019	.007	.037
75	.002	.008	-.002	-.031	-.072	-.069	-.056	-.040
90	.004	.010	-.002	-.025	-.052	-.068	-.083	-.089
105	.001	.006	-.003	-.017	-.043	-.064	-.077	-.087
120	.001	.004	-.002	-.015	-.044	-.063	-.076	-.087
135	.001	.001	-.002	-.015	-.046	-.066	-.079	-.090
150	.003	.001	.000	-.018	-.046	-.067	-.080	-.092
165	.006	.005	.002	-.020	-.046	-.066	-.081	-.092
180	.006	.001	.003	-.004	-.039	-.057	-.067	-.080
195	.007	.003	.004	-.010	-.043	-.061	-.073	-.089
210	.008	.005	.005	-.018	-.042	-.062	-.075	-.088
225	.005	.005	.004	-.011	-.041	-.061	-.073	-.085
240	-.001	.002	.000	-.013	-.043	-.063	-.076	-.087
255	.001	.006	.001	-.011	-.039	-.061	-.073	-.084
270								
285	.002	.008	-.003	-.027	-.068	-.077	-.066	-.048
300	.002	.007	-.001	-.027	-.046	-.032	-.010	.022
315	.001	.008	.004	-.012	-.007	.019	.053	.104
330	.004	.010	.011	.011	.030	.070	.118	.184
345	.008	.012	.018	.030	.058	.108	.167	.245



(a) Bottom oblique view.

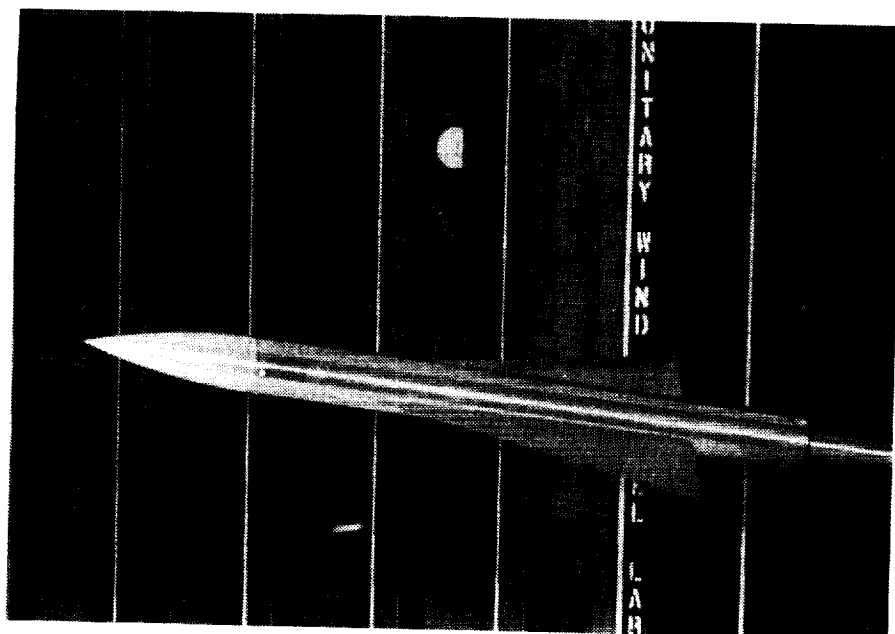


(b) Top oblique view.

Figure 1. Baseline model showing pressure orifice locations.

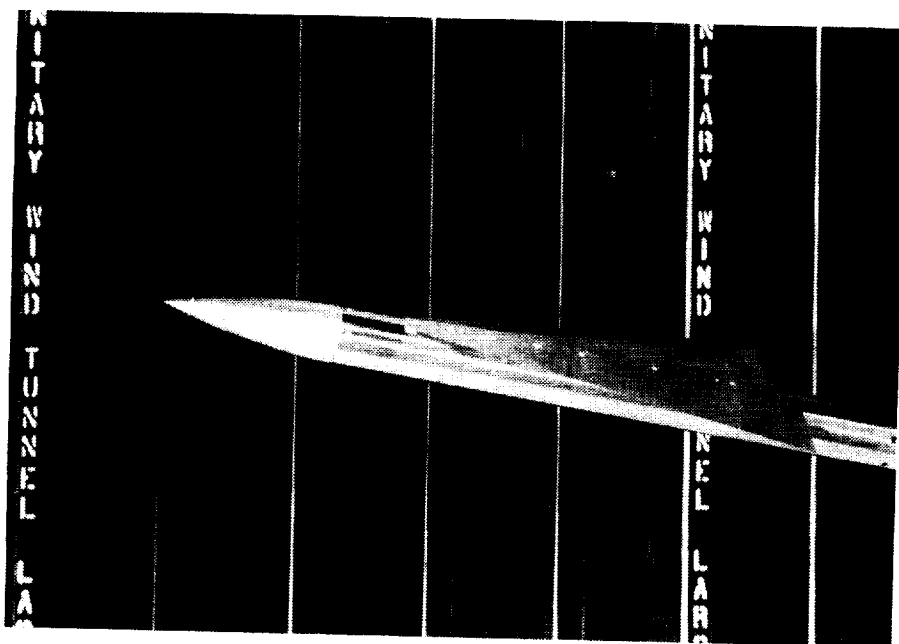
Configuration	Configuration description	Identification symbol
1	Horizontal wings mounted at body centerline (baseline configuration)	
2	Horizontal wings mounted on top of body	
3	Horizontal wings mounted midway between body centerline and top of body	
4	Configuration 3 rolled 180°	
5	Configuration 2 rolled 180°	
6	Radially mounted wings at same location as on configuration 3	
7	Configuration 6 rolled 180°	
8	Body alone (without wings)	

Figure 2. Description of test configurations shown in figures 7-15.



L-87-9272

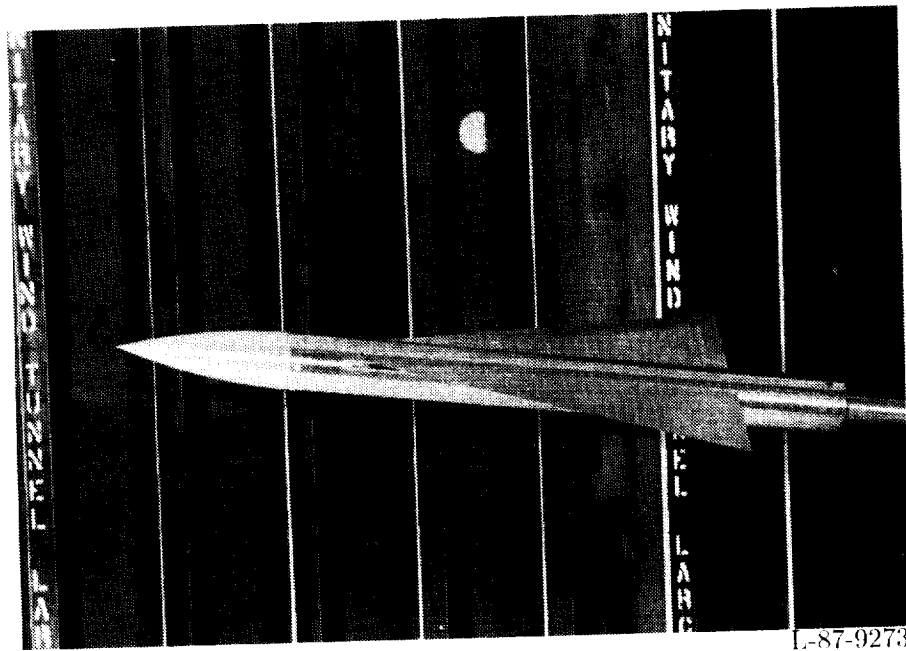
(a) Configuration 1 (baseline model).



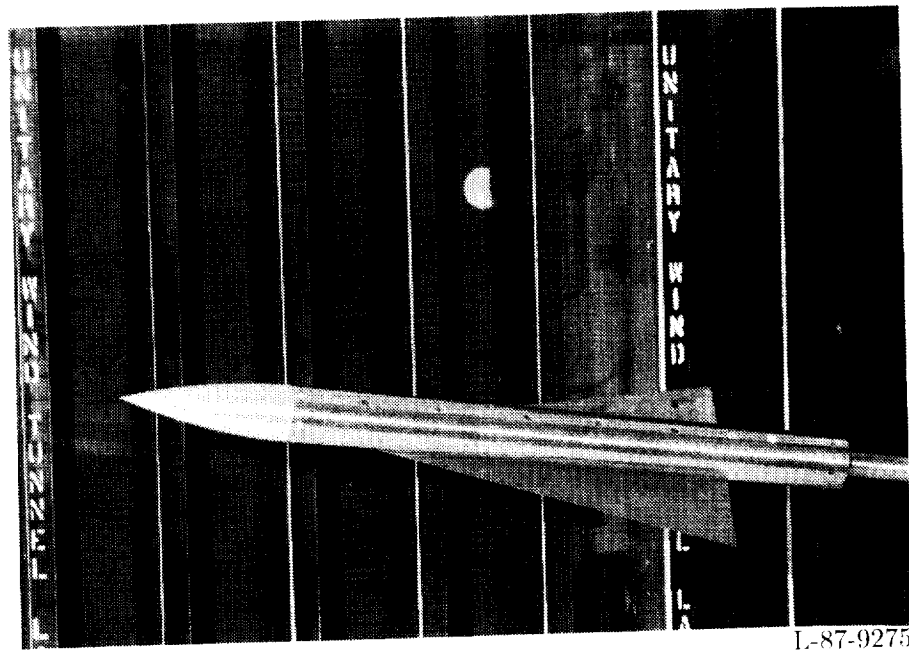
L-87-8451

(b) Configuration 2.

Figure 3. Photographs of configurations.

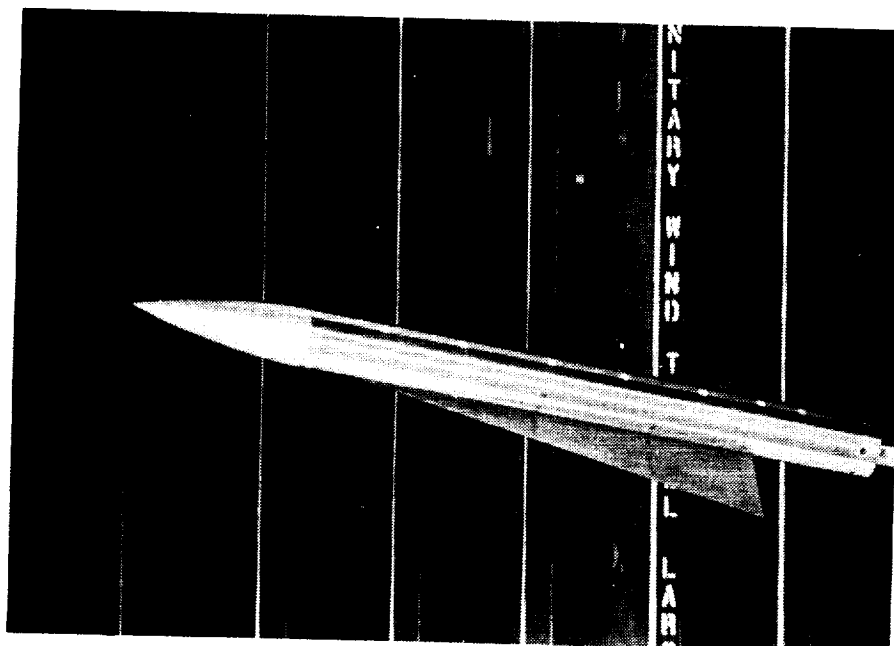


(c) Configuration 3.



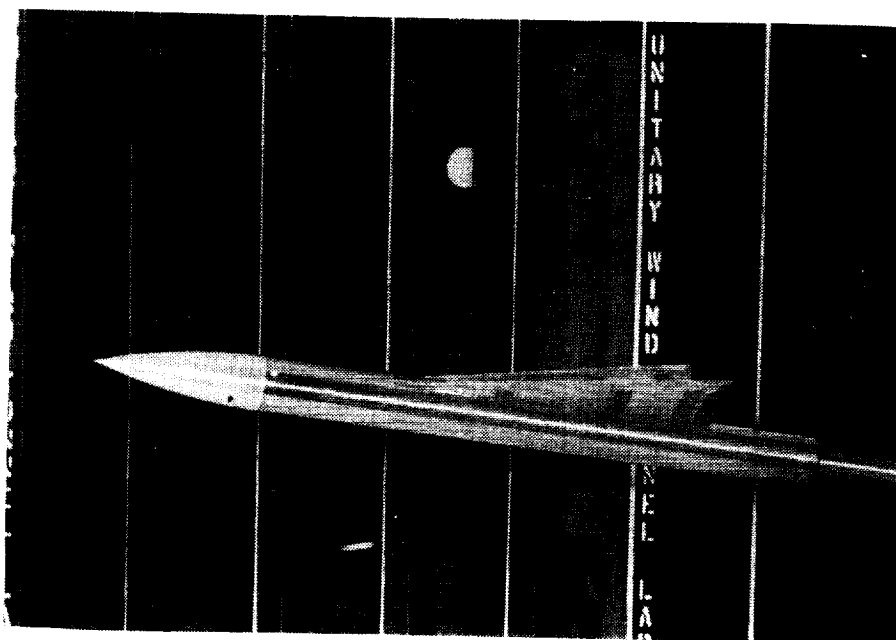
(d) Configuration 4.

Figure 3. Continued.



L-87-8450

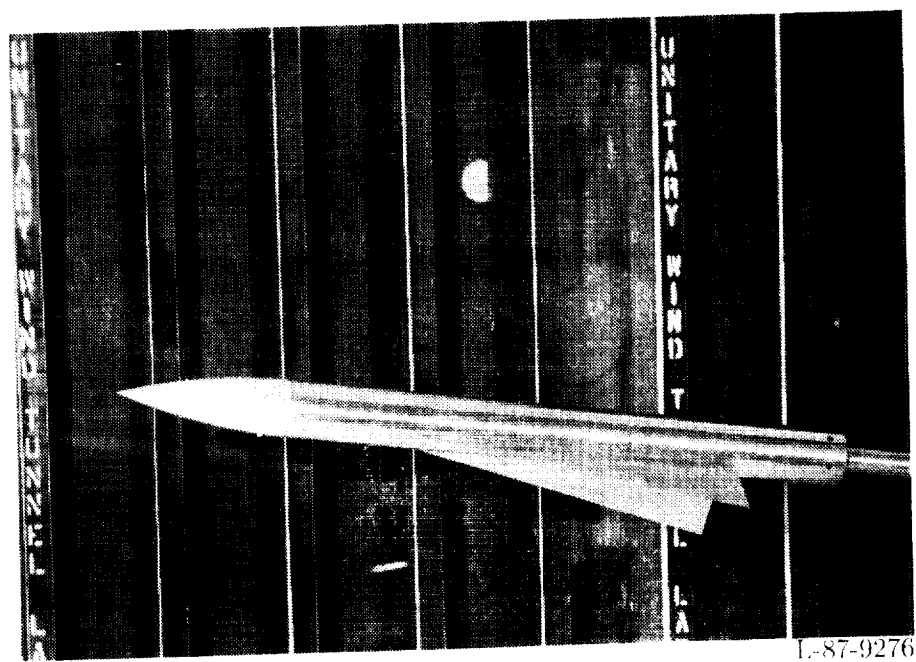
(e) Configuration 5.



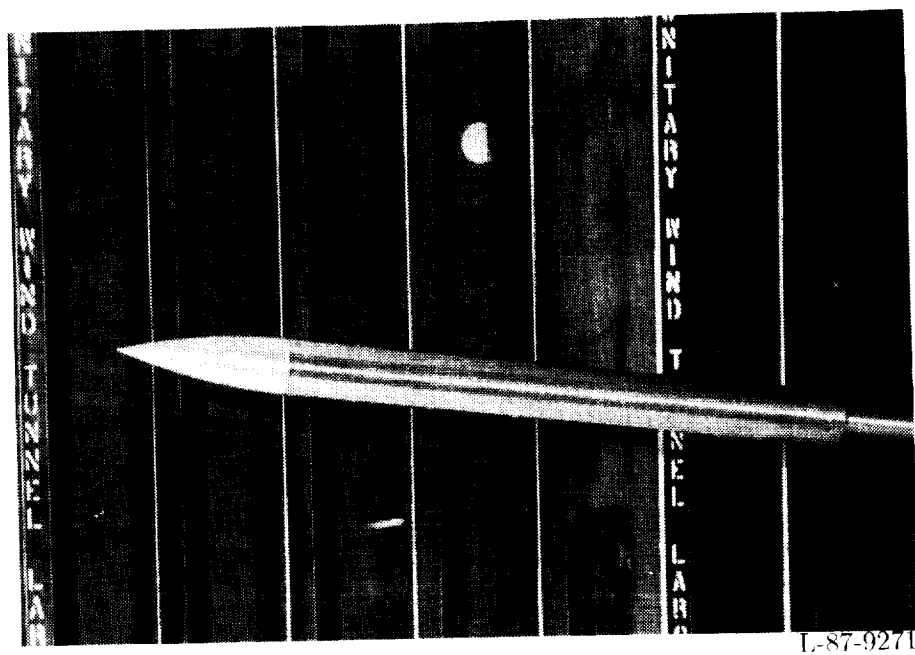
L-87-9274

(f) Configuration 6.

Figure 3. Continued.



(g) Configuration 7.



(h) Configuration 8 (body alone).

Figure 3. Concluded.

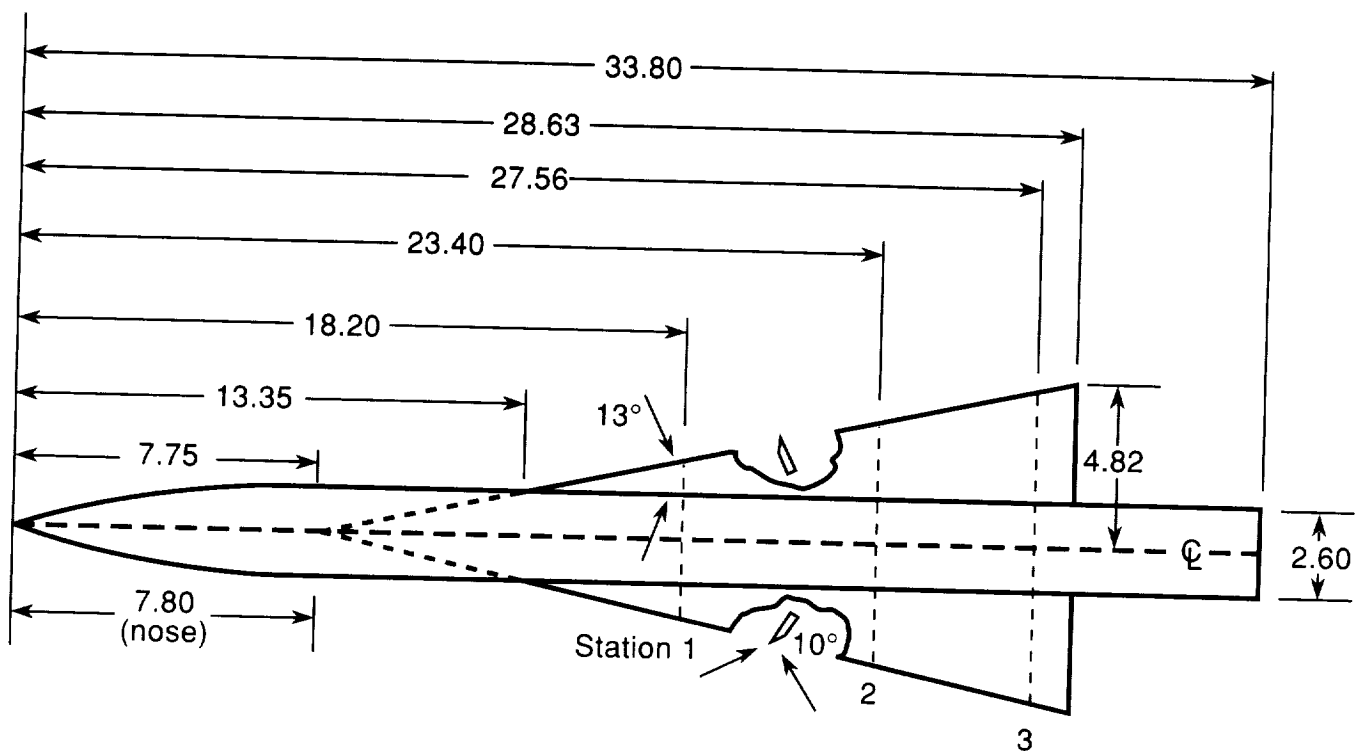


Figure 4. Dimensions of configuration 1. Linear dimensions are given in inches.

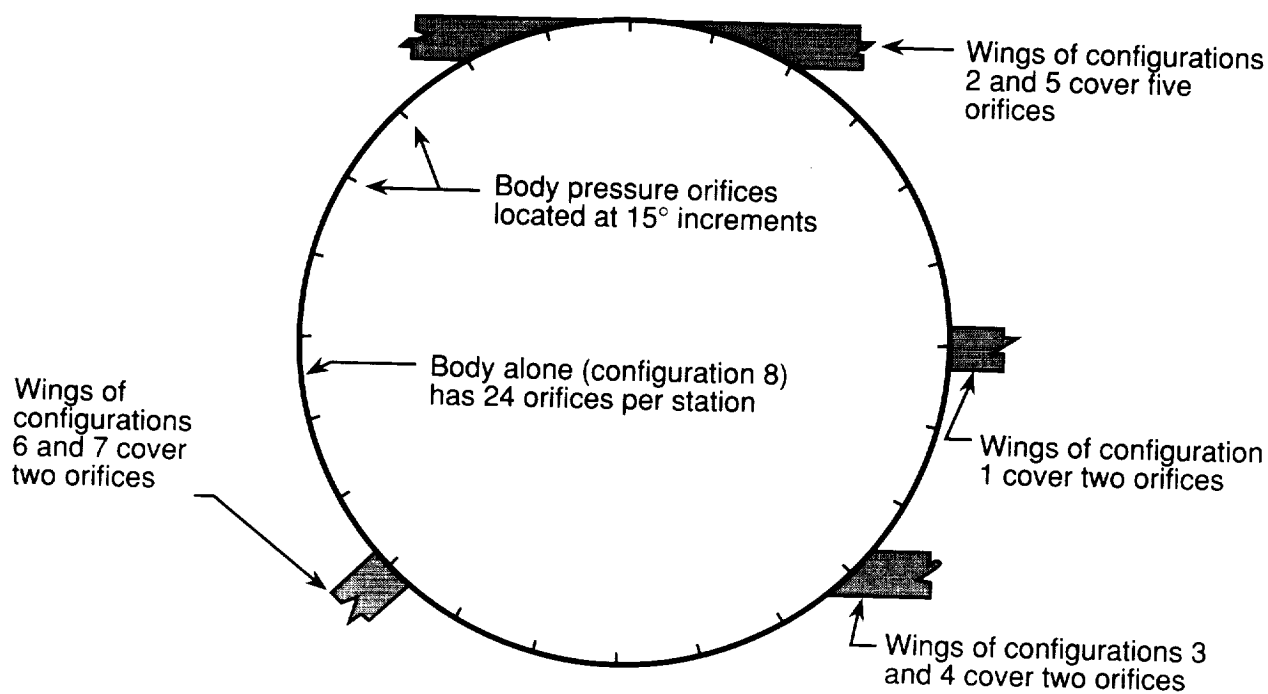


Figure 5. Locations of body pressure orifices.

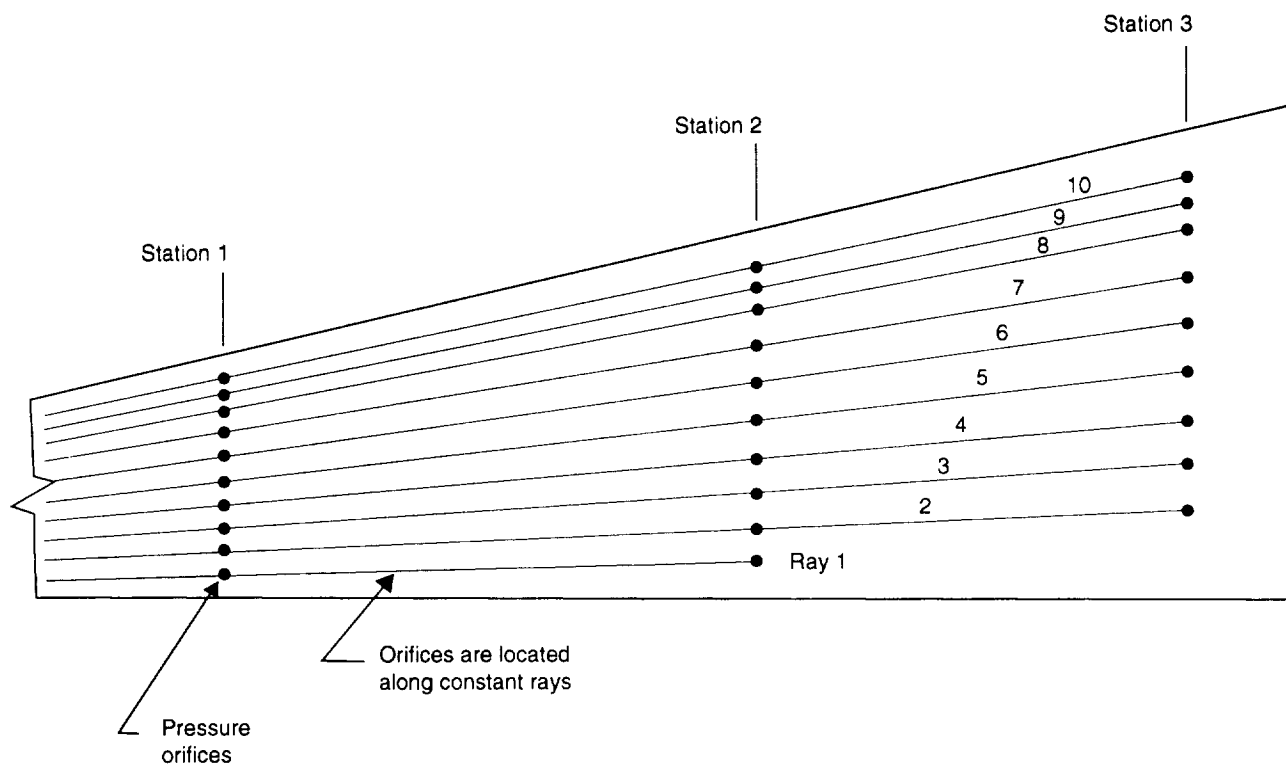


Figure 6. Locations of wing pressure orifices.

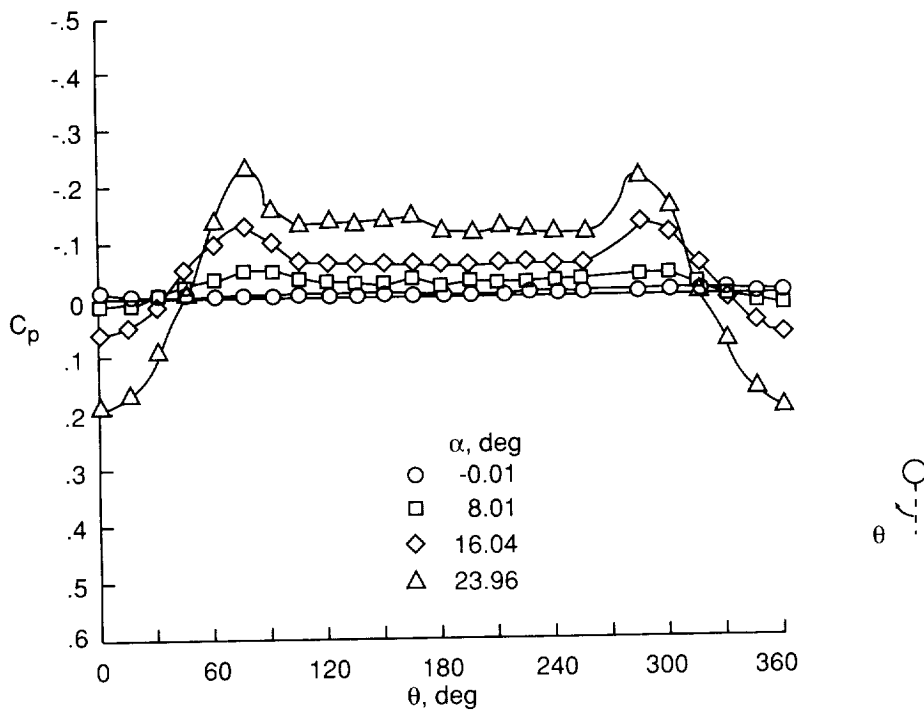
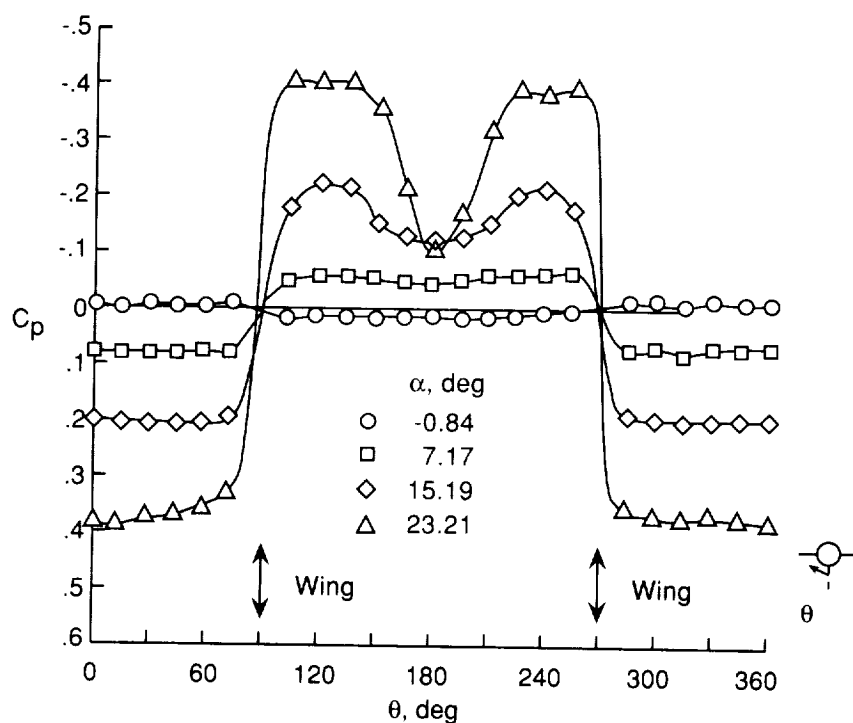
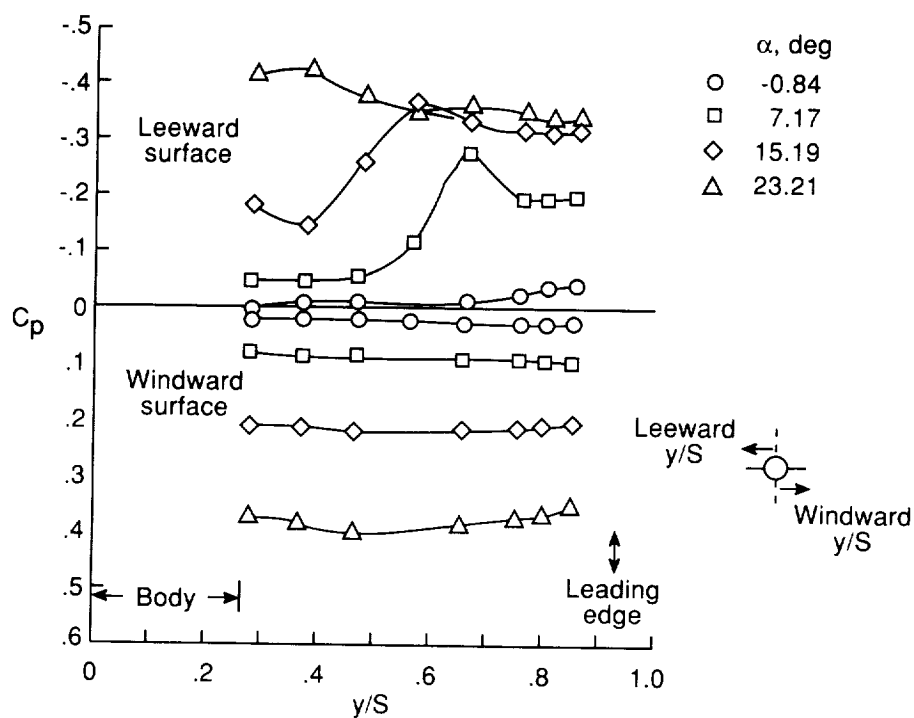


Figure 7. Pressure distributions around station 3 of configuration 8 (body alone) at $M_\infty = 1.70$ and $\phi = 0^\circ$.

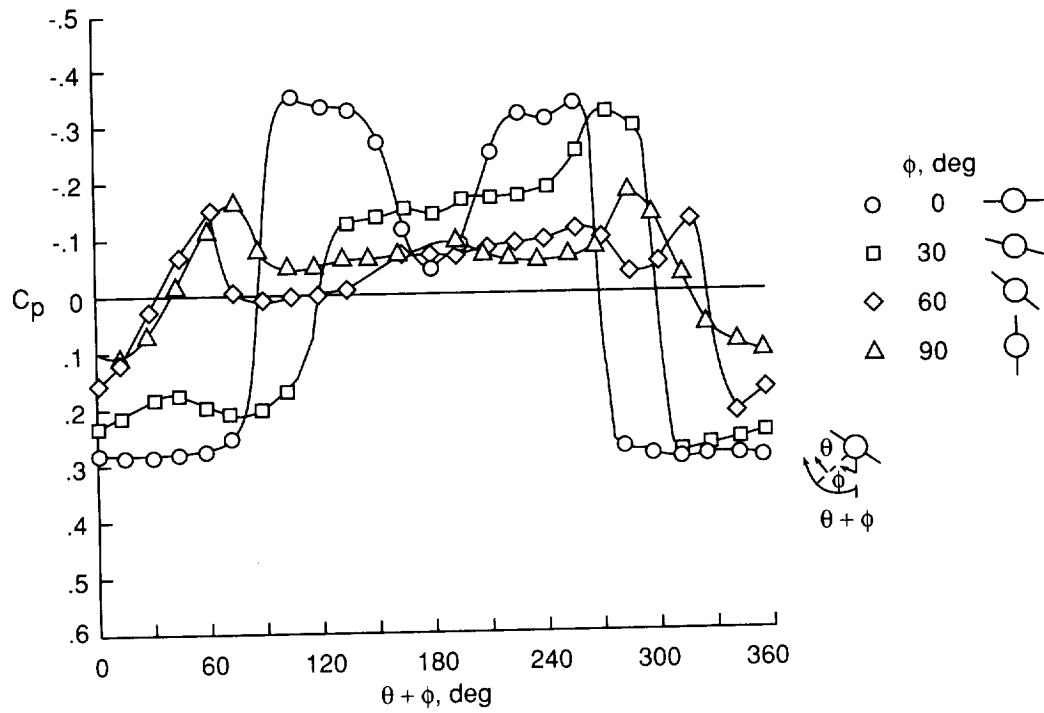


(a) Body.

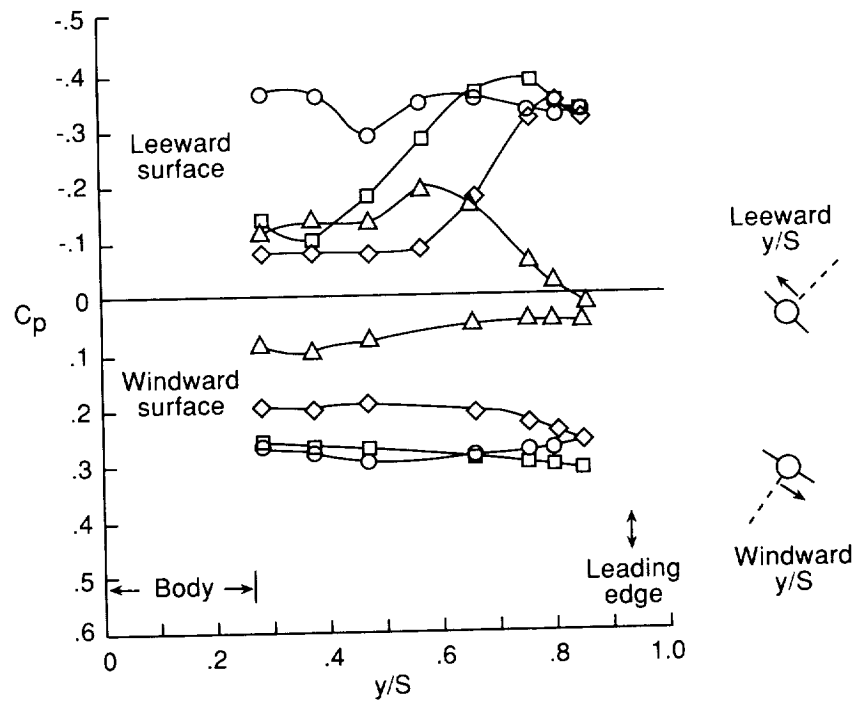


(b) Wing.

Figure 8. Effect of angle of attack on station 3 of configuration 1 at $M_\infty = 1.70$ and $\phi = 0^\circ$.

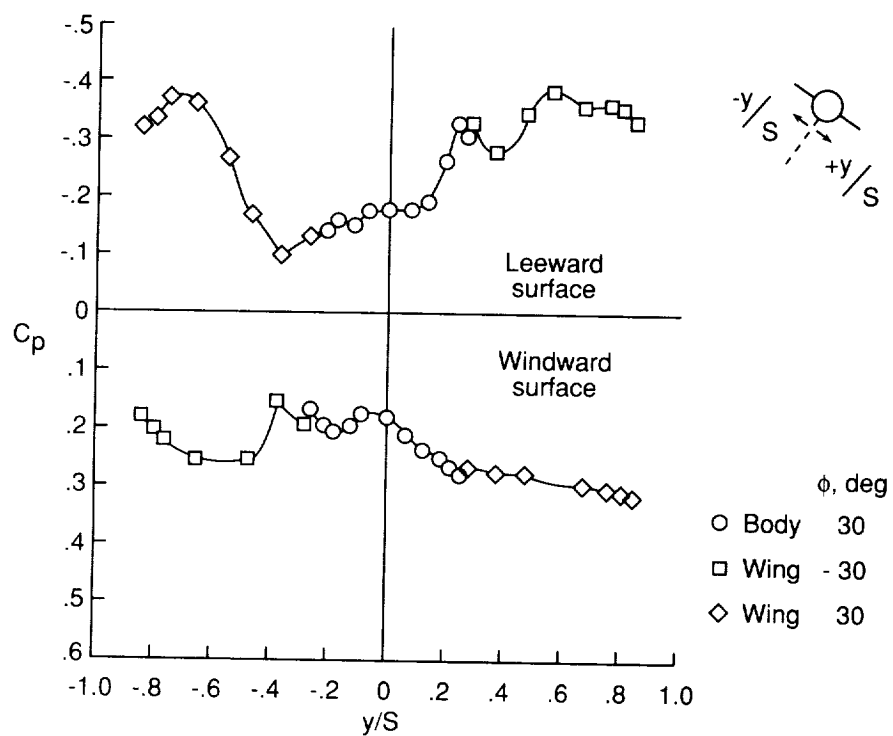


(a) Body.



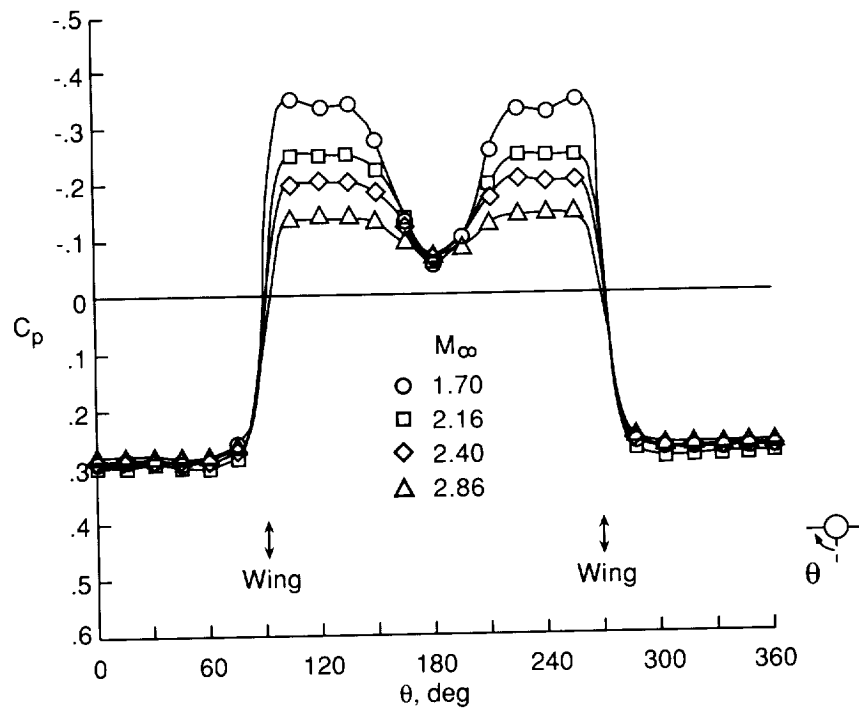
(b) Wing.

Figure 9. Effect of roll angle on station 3 of configuration 1 at $M_\infty = 1.70$ and $\alpha \approx 20^\circ$.

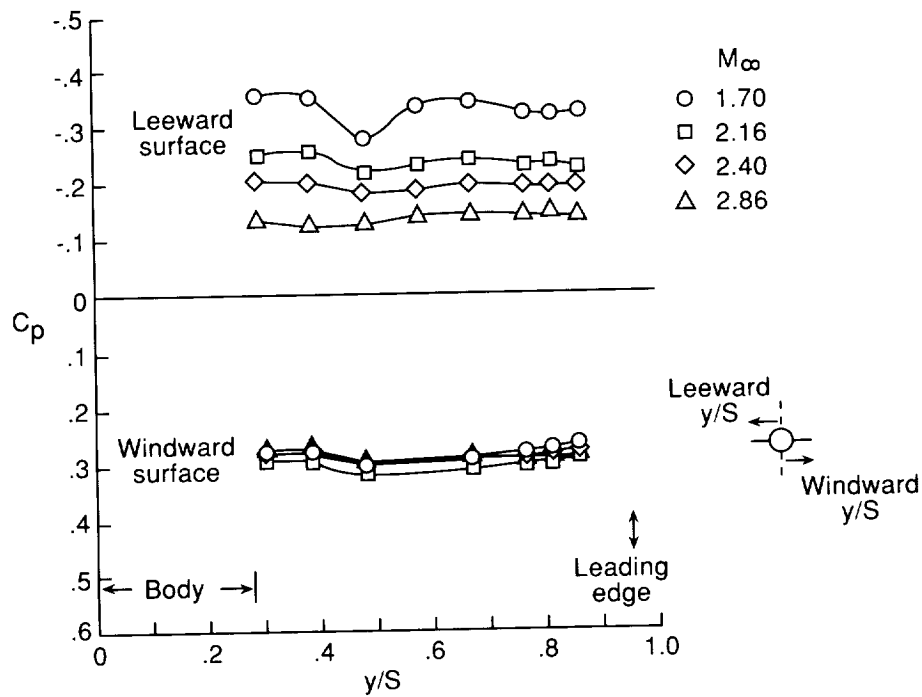


(c) Wing-body combination.

Figure 9. Concluded.

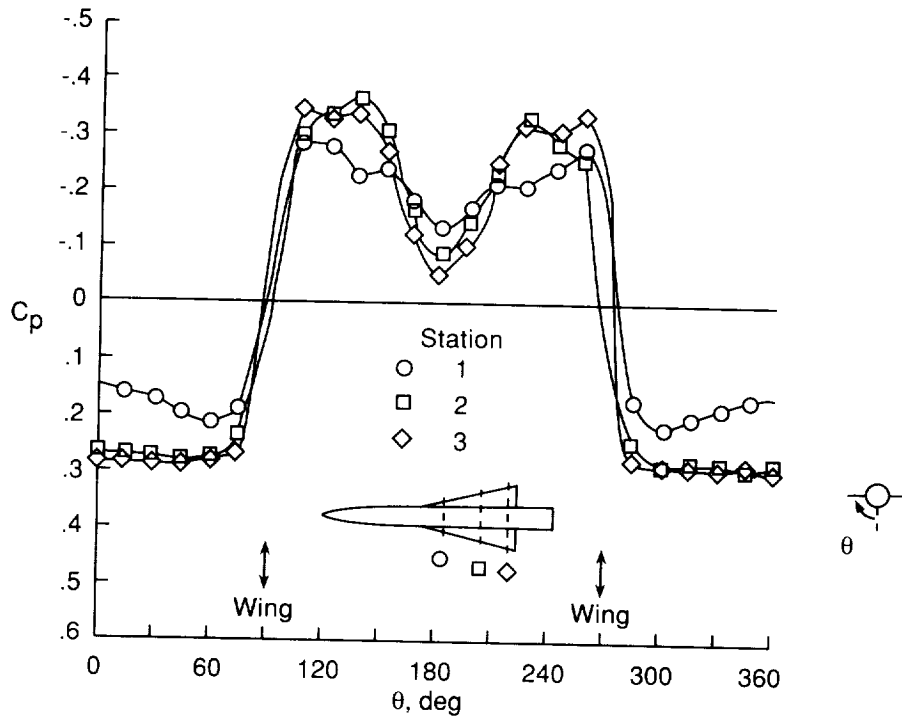


(a) Body.

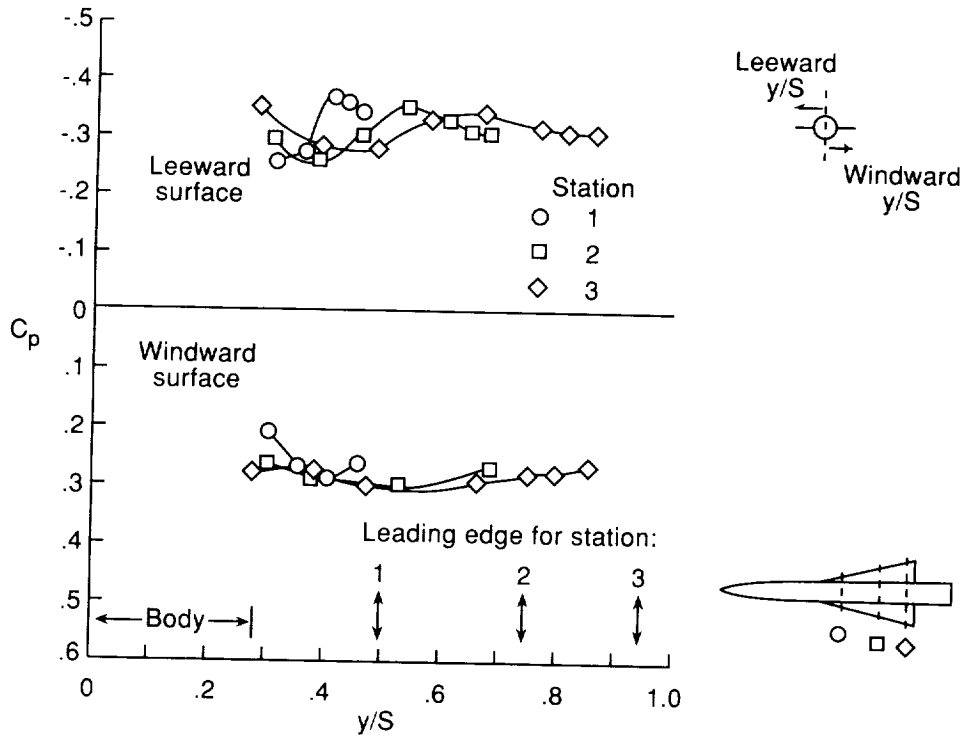


(b) Wing.

Figure 10. Effect of Mach number on station 3 of configuration 1 at $\alpha \approx 20^\circ$ and $\phi = 0^\circ$.

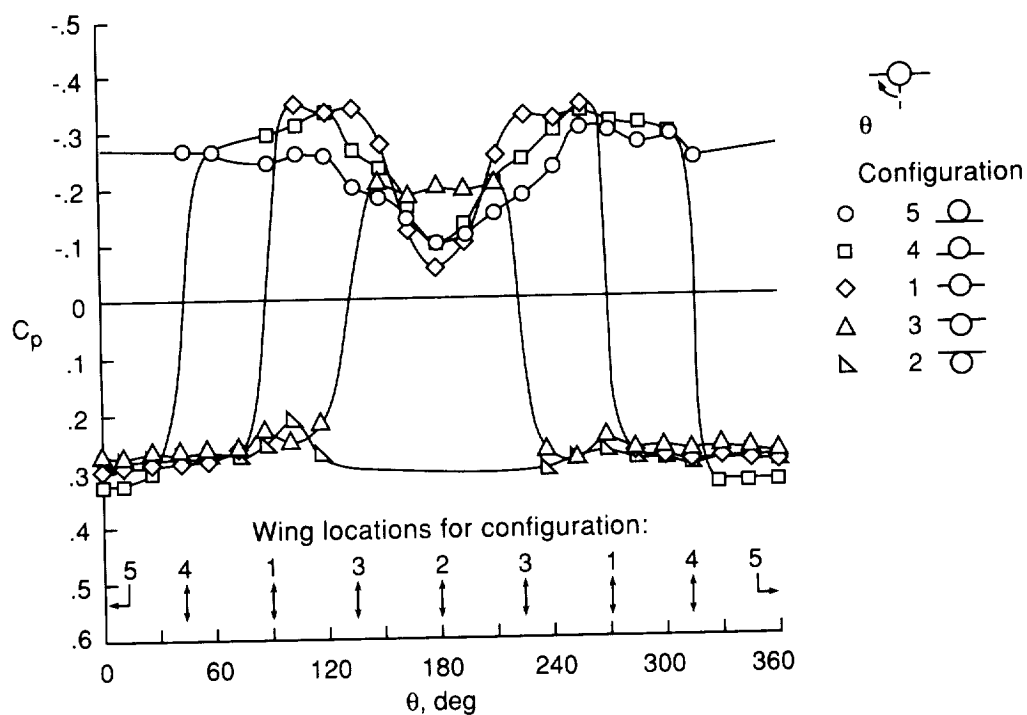


(a) Body.

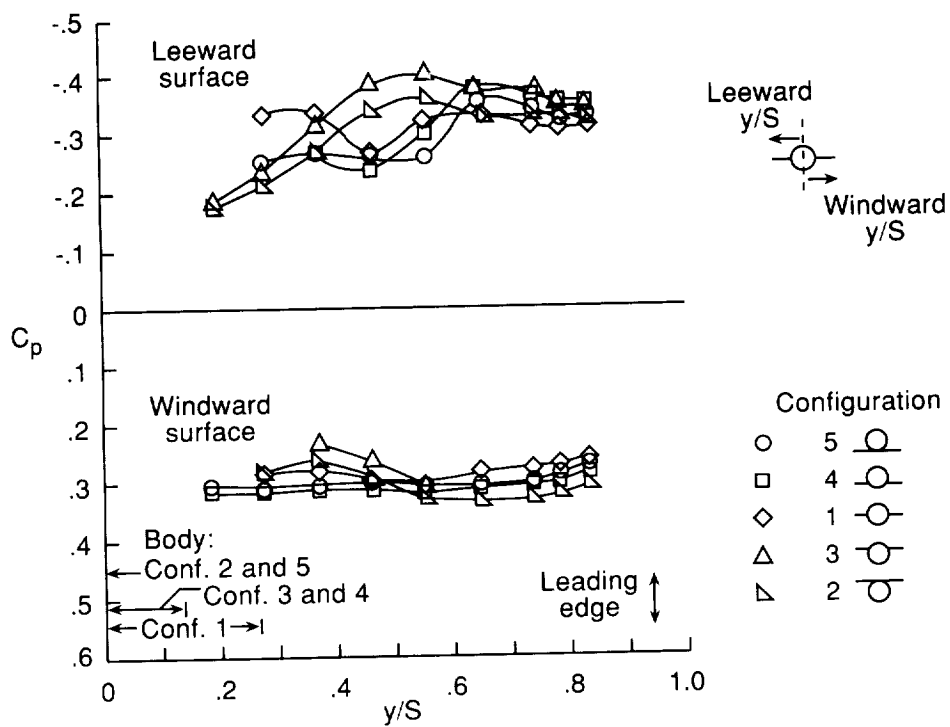


(b) Wing.

Figure 11. Effect of longitudinal station on configuration 1 at $M_\infty = 1.70$, $\alpha \approx 19.23^\circ$, and $\phi = 0^\circ$.

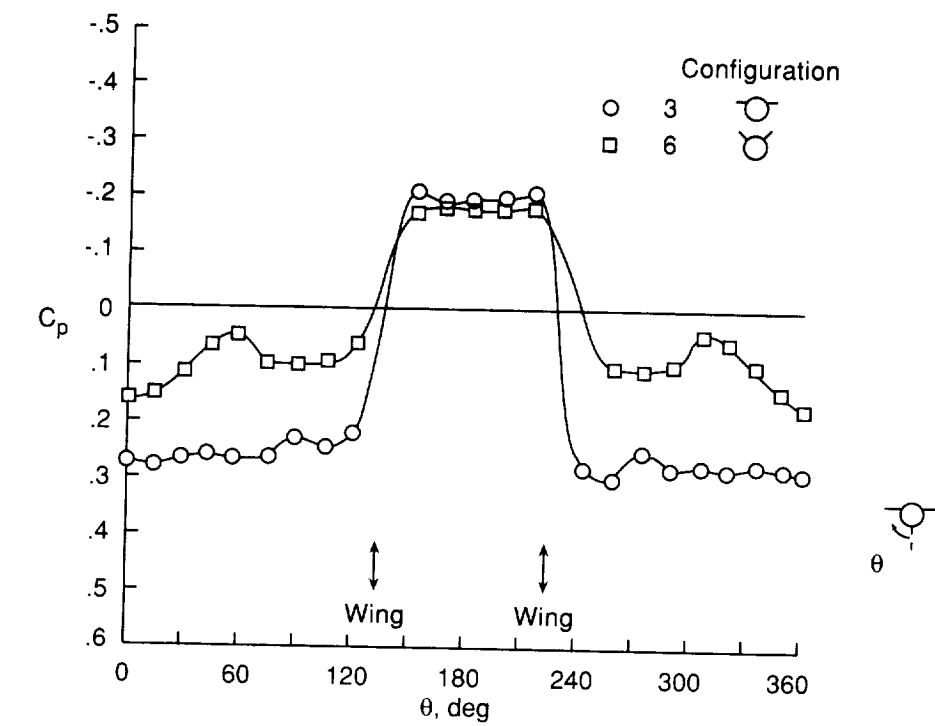


(a) Body.

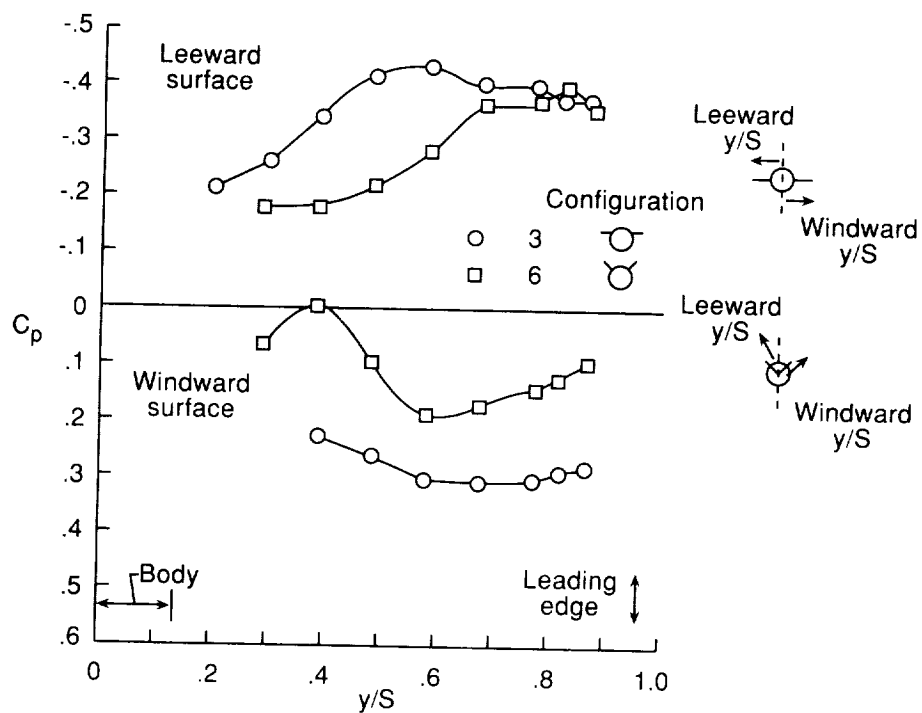


(b) Wing.

Figure 12. Effect of wing vertical location on station 3 at $M_\infty = 1.70$, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

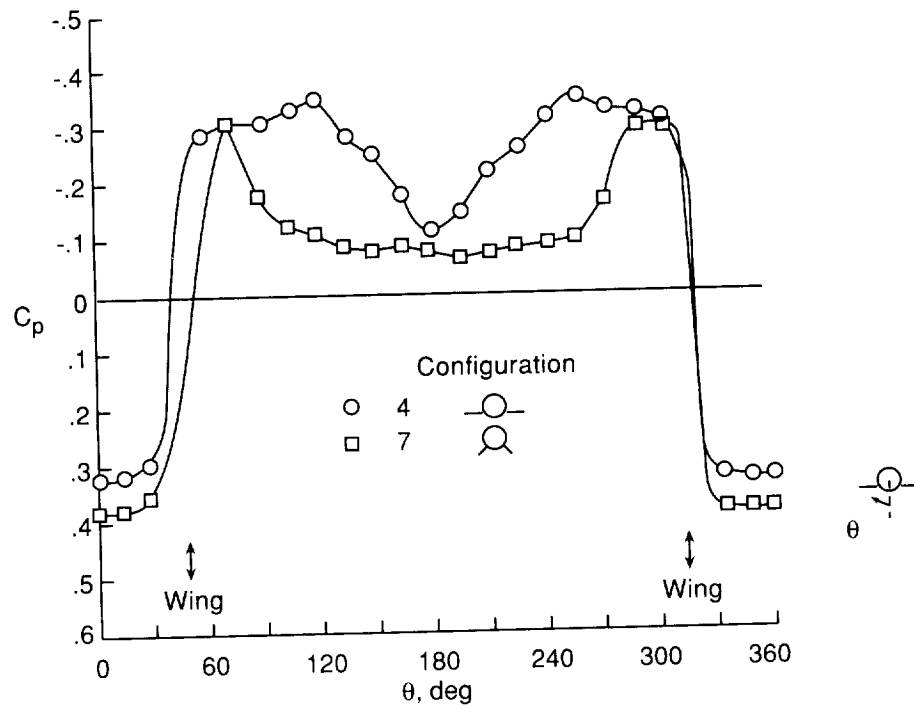


(a) Body.

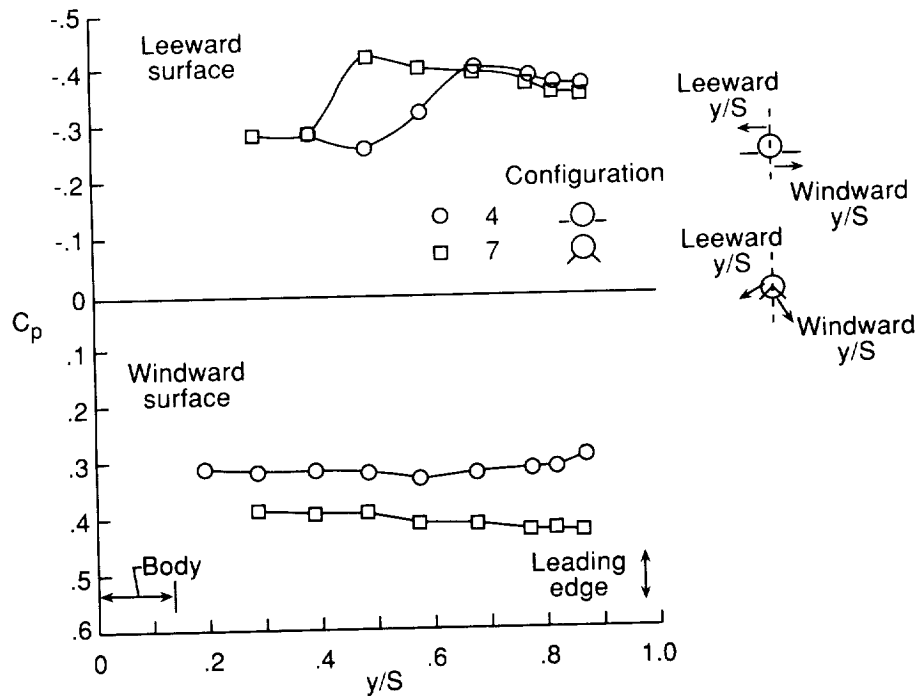


(b) Wing.

Figure 13. Wing angular orientation effect on station 3 for high-mounted wings at $M_\infty = 1.70$, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

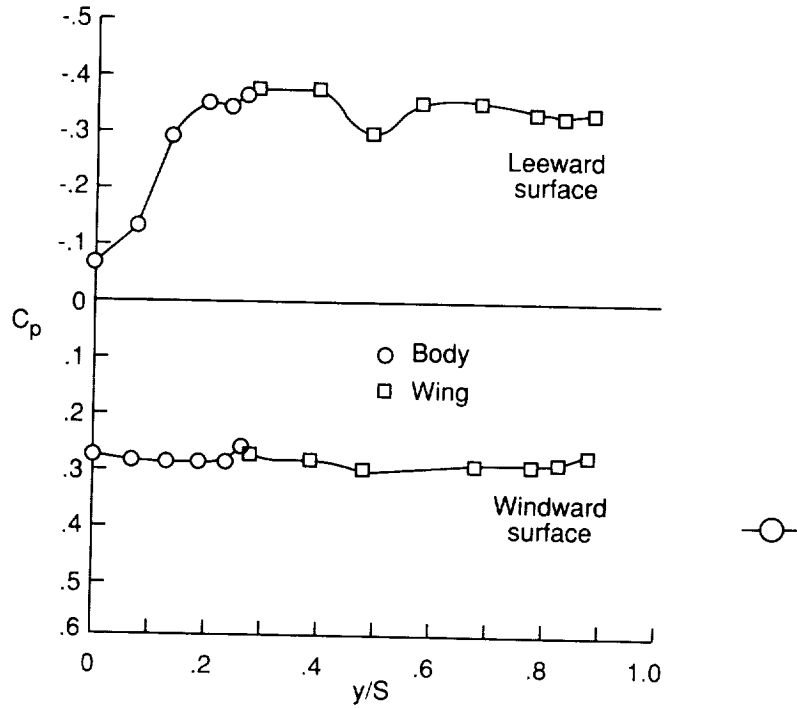


(a) Body.

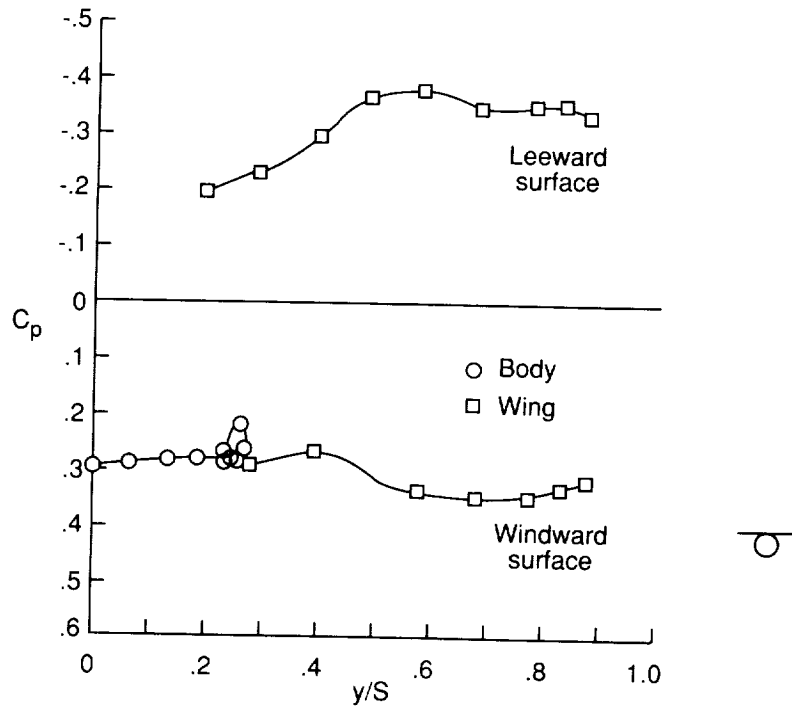


(b) Wing.

Figure 14. Wing angular orientation effect on station 3 for low-mounted wings at $M_\infty = 1.70$, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

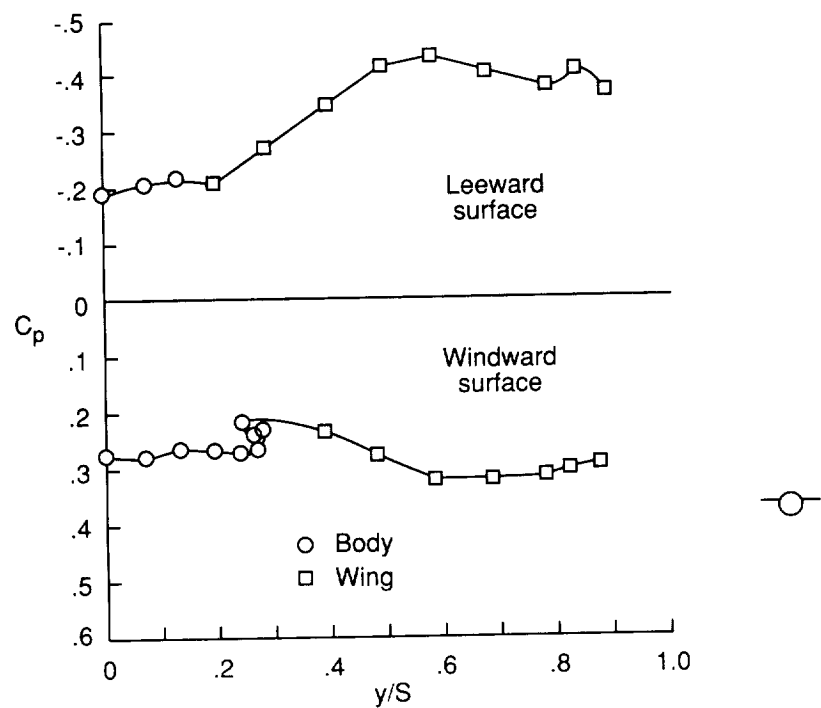


(a) Configuration 1 (baseline model).

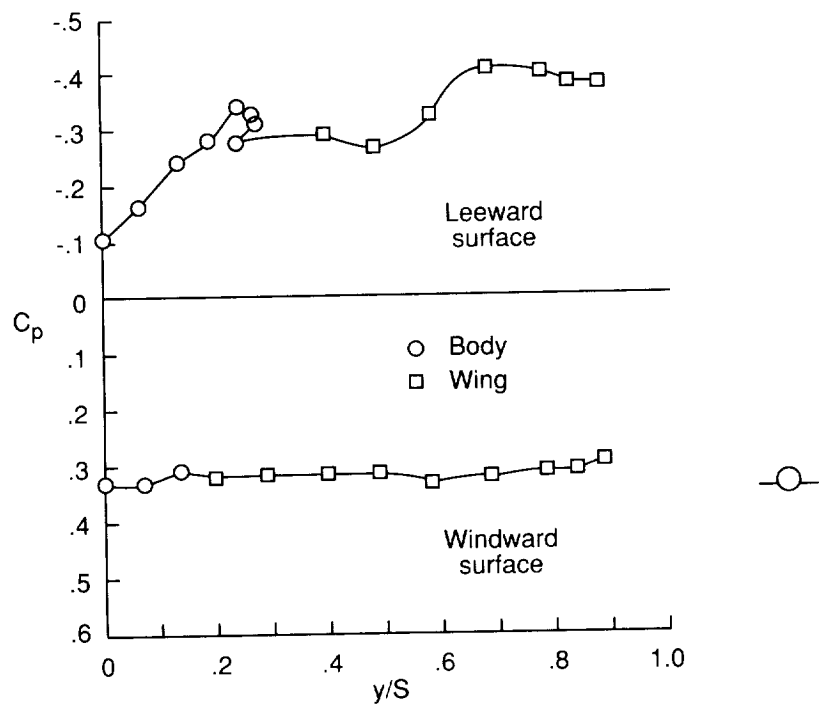


(b) Configuration 2.

Figure 15. Effect of wing-body juncture on station 3 at $M_\infty = 1.70$, $\alpha \approx 20^\circ$, and $\phi = 0^\circ$.

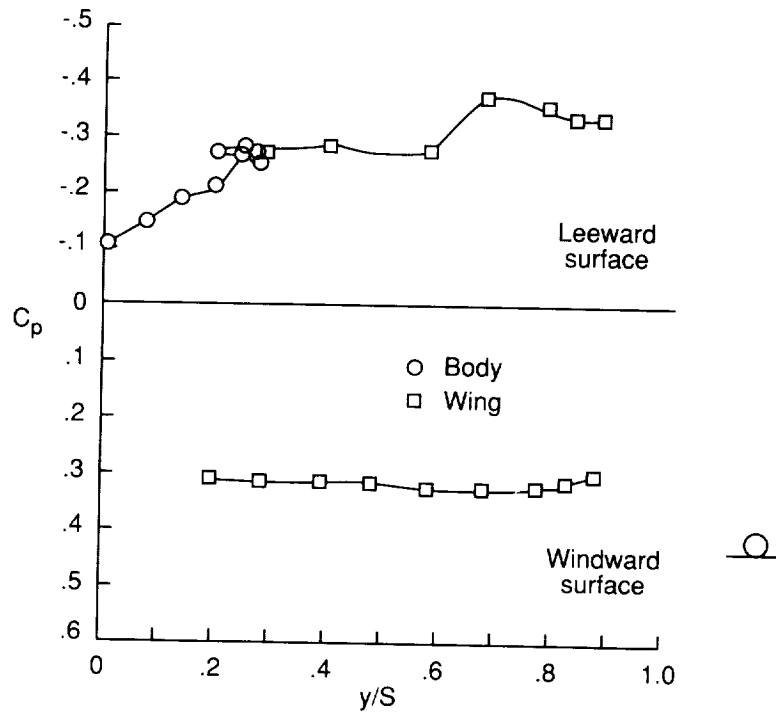


(c) Configuration 3.

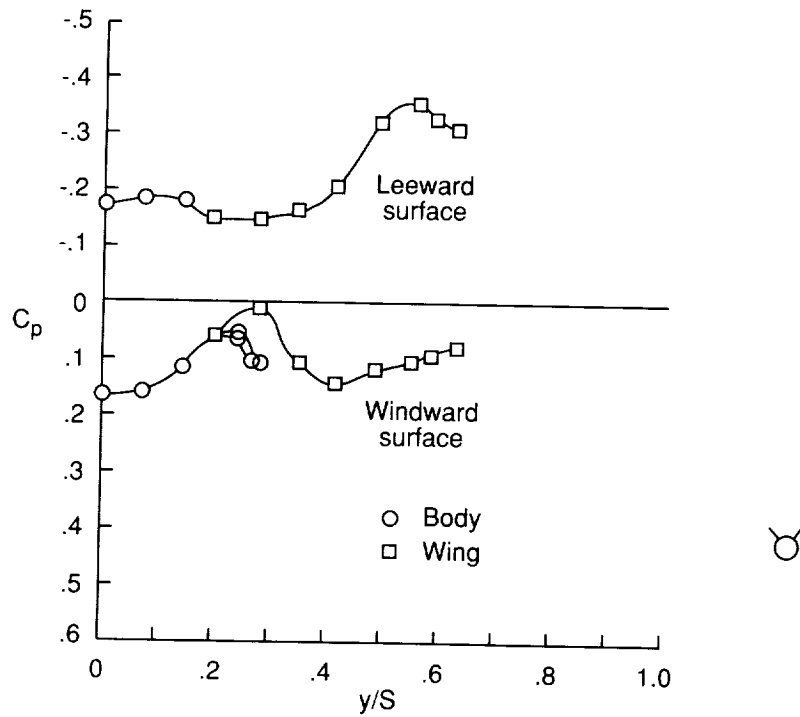


(d) Configuration 4.

Figure 15. Continued.

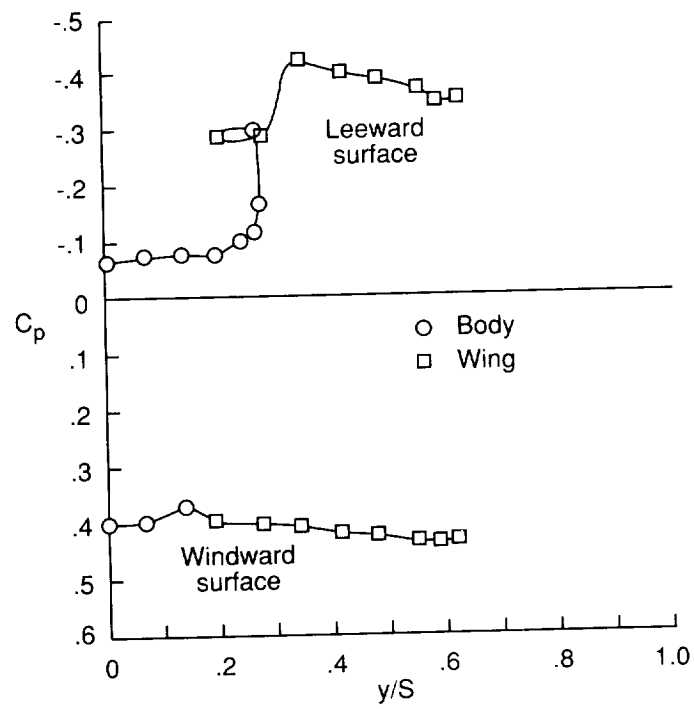


(e) Configuration 5.



(f) Configuration 6.

Figure 15. Continued.



(g) Configuration 7.

Figure 15. Concluded.

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13. ABSTRACT (Maximum 200 words) An experimental study has been performed at supersonic speeds to measure wing and body spanwise pressure distributions on an axisymmetric-body delta wing model on which the wing vertical location on the body was systematically varied from low- to high-mounted positions. In addition, for two of these positions both horizontal and radial wing angular orientations relative to the body were tested, and roll angle effects were investigated for one of the positions. Seven different wing-body configurations and a body-alone configuration were studied. The test was conducted at Mach numbers from 1.70 to 2.86 at angles of attack from about -4° to 24° . Pressure orifices were located at three longitudinal stations on each wing-body model, and at each station the orifices were located completely around the body, along the lower surface of the right wing (looking upstream), and along the upper surface of the left wing. All pressure coefficient data are tabulated, and selected samples are shown graphically to illustrate the effects of the test variables. The effects of angle of attack, roll angle, Mach number, longitudinal station, wing vertical location, wing angular orientation, and wing-body juncture are analyzed. The vertical location of the wing on the body had a very strong effect on the body pressures. For a given angle of attack at a roll angle of 0° , the pressures were virtually constant in the spanwise direction across the windward surfaces of the wing-body combination. Pressure-relieving, channeling, and vortex effects were noted in the data.				
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